

Appendix A

Noise Assessment Report

NextEra Energy Canada, ULC.

Bluewater Wind Energy Centre – Noise Assessment Report

Prepared by:

AECOM

5600 Cancross Court, Suite A

Mississauga, ON, Canada L5R 3E9

www.aecom.com

905.501.0641 tel

905.501.0181 fax

Project Number:

60155032

Date:

February, 2012

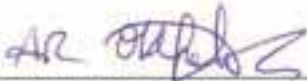
AECOM Signatures

Report Prepared By:



Buddy Ledger, P.Eng.
Acoustics and Vibration Engineer

Report Reviewed By:



Alan Oldfield, MEng, CEng(UK), P.Eng.
Acoustics Engineer

Table of Contents

| | page |
|--|-----------|
| 1. Introduction | 1 |
| 2. Project Layout..... | 1 |
| 3. Noise Assessment Guideline | 1 |
| 4. Noise Sources | 2 |
| 5. Points of Reception | 2 |
| 6. Detailed Noise Impact Assessment | 3 |
| 7. Results and Compliance..... | 3 |
| 8. Summary Tables | 4 |
| 9. References | 34 |

List of Tables

| | |
|---|---|
| Table 1. Noise Level Limits for Wind Turbines..... | 2 |
| Table 2. Point of Reception Classifications..... | 3 |
| Table 3. Wind Turbine Acoustic Emission Summary – GE 1.6-100..... | 4 |
| Table 4. Wind Turbine Acoustic Emission Summary – E-48 | 4 |
| Table 5. Transformer Acoustic Emission Summary | 5 |
| Table 6. Wind Turbine and Transformer Locations..... | 5 |
| Table 7. Noise Impact Summary..... | 6 |

Appendices

Appendix A: Site Plan

Appendix B: Noise Contour Maps

Appendix C: Sample Calculations

Appendix D: Equipment Noise Emission Data

Appendix E: Glossary of Terms

1. Introduction

AECOM was retained by NextEra Energy Canada, ULC (NextEra) to prepare a Noise Assessment Report for the proposed Bluewater Wind Energy Centre (Bluewater). This report has been prepared in accordance with the Ontario Ministry of the Environment (MOE) guideline “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (October 2008). This report will form part of the Renewable Energy Approval (REA) application for the Facility as required under Ontario Regulation 359/09.

2. Project Layout

Approval is being sought for forty-one (41) wind turbines each rated at 1.6 Megawatts maximum generation capacity. However, it is expected that only thirty-seven (37) of the wind turbines will actually be installed in order to achieve the total peak generation target of approximately 60 Megawatts facility wide. All of the wind turbines will feed into a centrally located transformer substation.

The proposed project is located in Huron County, within the Municipalities of Bluewater and Huron East. The Project Study Area consists of the areas being studied for the wind farm components (Wind Energy Centre Study Area), as well as for the interconnection route (i.e., the area being studied for transmission lines to connect the Project to the electrical grid) (Transmission Line Study Area). The Wind Energy Centre Study Area is generally bounded by Blackbush/Bronson Line to the west, Mill Road to the north, Concession 5 Road to the east, and Danceland Road/Staffa Road to the south, in the Municipality of Bluewater. The Transmission Line Study Area is located to the east of the Wind Energy Centre Study Area, and is generally bounded by Concession 5 Road to the west, Mill Road to the north, Huron Road and Perth 183 Road to the east, and Staffa Road to the south, extending into the Municipality of Huron East.

A figure showing the project location, wind turbine layout and transformer location is provided in Appendix A.

3. Noise Assessment Guideline

Part V.0.1 of the Ontario Environmental Protection Act R.S.O. 1990 (EPA) addresses the approvals process required for renewable energy projects and Ontario Regulation 359/09, which forms part of the EPA, outlines the specific requirements for obtaining a Renewable Energy Approval (REA) from the MOE.

As required by O.Reg. 359/09, noise from wind farm projects requiring approval within Ontario are assessed using the MOE guideline: “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (PIBS 4709e, October 2008). This guideline sets the definitions, assessment procedures and noise level limits for noise assessments of wind farm projects.

The project area is best defined as Class 3 rural, as per MOE Publication 4709e. A Class 3 Area is defined as “a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following: a small community with less than 1000 population; agricultural area; a rural recreational area such as a cottage or a resort area; or a wilderness area.” The MOE noise level limits, at integer wind speeds, for points of reception in Class 3 areas are summarized in Table 1 below.

Table 1. Noise Level Limits for Wind Turbines

| Point of Reception Classifications | 1-hr L _{EQ} Sound Level Limit (dBA) at 10m height Wind Speeds (m/s) | | | | |
|------------------------------------|--|-------|-------|-------|---------------------------------|
| | Less than or equal to 6 m/s | 7 m/s | 8 m/s | 9 m/s | Greater than or equal to 10 m/s |
| Class 1 & 2 Areas | 45.0 | 45.0 | 45.0 | 49.0 | 51.0 |
| Class 3 Areas | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 |

4. Noise Sources

The wind turbine model proposed for this project is the GE 1.6-100 manufactured by General Electric. This model has a hub height of 80 metres, a rotor diameter of 100 metres and is designed to operate between 9.75 and 16.18 revolutions per minute. The GE 1.6-100 has an electrical generation rating of 1.6 Megawatts. Manufacturers' noise data for the GE 1.6-100 are summarized in Table 3 of Section 8 and the original manufacturer's datasheet is provided in Appendix D. The noise datasheets provided have been prepared and reported in accordance with IEC 61400-11 (equivalent to CAN/CSA-C61400-11). The calculations used to adjust for site specific wind shear are also presented in Appendix D.

The electricity generated by each wind turbine will be collected at a central transformer substation. The performance specification of the transformer will require that the noise emissions be measured in accordance with ANSI C57.12.90 at the highest (MVA) rating with all fans in operation and at the tap position that creates the highest current. The performance specification will require that the average sound pressure level measured in accordance with Section 13 of ANSI C57.12.90 shall not exceed 80 dBA over the measurement surface (as defined in the ANSI standard). An estimate of the noise emissions expected from the transformer is provided in Table 5. Appendix D includes a detailed calculation to support the transformer emission estimate. Note that a 5dB penalty has been added to the transformer emission level in the noise prediction modelling as per the requirements of PIBS 4709e.

The MOE requires that the cumulative noise impact of existing or proposed¹ wind farms also be included in the noise impact analysis. To that end all existing or proposed wind farms within 5 kilometres of the Bluewater Wind Energy Centre were included in the noise impact analysis. There is one such facility which is named The Zurich Wind Farm. The Zurich Wind Farm consists of one (1) Enercon E-48 model turbine which has a rated generation capacity of 800 kilowatts. Manufacturer's noise data for the E-48 are summarized in Table 4 of Section 8 and the original manufacturer's datasheet is provided in Appendix D. The noise datasheets have been prepared and reported in accordance with IEC 61400-11 (equivalent to CAN/CSA-C61400-11). The calculations used to adjust for site specific wind shear are also presented in Appendix D.

Table 6 of Section 8 provides the coordinates of all noise sources considered in the noise impact analysis and assessment.

5. Points of Reception

Table 7 in Section 8 lists all of the points of reception considered in the noise impact analysis as well as their coordinates. The points of reception have been classified into four (4) different categories which are outlined in Table 2, below.

¹ Proposed projects which have not yet published a site plan do not have to be accounted for in the noise impact analysis as insufficient information would be available to do so.

Table 2. Point of Reception Classifications

| Class | Number of Points of Reception | Description | Remarks |
|-------|-------------------------------|------------------------------|-------------------------|
| POR | 625 | Non-participating | MOE Limits Apply |
| PR | 76 | Participating | MOE Limits Do Not Apply |
| VPO | 272 | Vacant Lot Non-participating | MOE Limits Apply |
| VPR | 69 | Vacant Lot Participating | MOE Limits Do Not Apply |

The classifications POR and VPO are both non-participating and are subject to the noise level limits outlined in the MOE noise guideline (PIBS 4709e, see Table 1).

The classifications PR and VPR are both participating and are not subject to the noise level limits outlined in the MOE noise guideline. Participating points of reception are associated with the wind farm development via a legal agreement with the owner, of the subject property, to allow the installation and operation of wind turbines or related equipment.

6. Detailed Noise Impact Assessment

The noise analysis for the Bluewater Wind Energy Centre was completed using the Cadna/A environmental noise modelling software. The noise modelling was conducted in accordance with the international standard ISO 9613-2. The noise predictions were calculated using downwind propagation from each source to each point of reception, this method produces a theoretical worst case prediction at each point of reception. The noise impact calculations were completed using octave band spectral values in the range of 63 to 8000Hz for each integer wind speed from 6 to 10m/s.

The noise model was configured to calculate the contribution of each noise source within 5 kilometres from each point of reception. The air attenuation and ground attenuation calculation within the model were configured according to Section 6.4.10 of the MOE noise guideline (PIBS 4709e).

The noise impact at each point of reception, for each integer wind speed from 6 to 10m/s, is presented in Table 7 within Section 8. All of the noise predictions were completed in accordance with the detailed requirements of the MOE noise guideline (PIBS 4709e).

7. Results and Compliance

The results of the noise modelling in Table 7 within Section 8 show that the wind energy centre is in compliance with the MOE noise level limits at all points of reception within 1500 metres of turbines associated with the project². Therefore, the 625 non-participating and 272 vacant lot non-participating points of reception assessed comply with the MOE sound level limits for Wind Turbines in Class 3 areas (See Table 1). Appendix B includes noise contour maps for each integer wind speed from 6 to 10m/s and a sample calculation is provided in Appendix C. In order to achieve compliance with the MOE noise limits in the vicinity of the transformer substation a five (5) metre high noise barrier was required surrounding this source of noise.

² One receptor, B_POR_221, which is closest to the sole turbine of the Zurich Wind Farm (Z_1), experiences noise levels exceeding the 6m/s sound level limit of 40.0 dBA by 0.2 dB. The contribution from Z_1 is 40.1 dBA and the Bluewater Wind Energy Centre contributes a negligible increase of 0.1 dB at this location. The noise levels predicted at B_POR_221 are compliant with the MOE noise level limits for wind speeds of 7 to 10m/s. However, receptor B_POR_221 is not considered further as the distance to the nearest Bluewater turbine is greater than 1500 metres and it is located outside the study boundary.

8. Summary Tables

Table 3. Wind Turbine Acoustic Emission Summary – GE 1.6-100

| Make: General Electric Model: GE 1.6-100 Electrical Rating: 1.6 Megawatts Hub Height (m): 80 metres Wind Shear Coefficient: 0.2627 | | | | | | | | | | | |
|--|------|-------------------------------------|-------|-------|-------|-------|--------------------------|-------|-------|-------|-------|
| | | Octave Band Sound Power Level (dBA) | | | | | | | | | |
| | | Manufacturer's Emission Levels | | | | | Adjusted Emission Levels | | | | |
| Wind Speed (m/s) | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 |
| Frequency (Hz) | 63 | 81.4 | 84.8 | 86.3 | 86.4 | 86.2 | 84.8 | 86.4 | 86.2 | 86.2 | 86.2 |
| | 125 | 88.9 | 92.4 | 94.4 | 94.9 | 95.1 | 92.4 | 94.9 | 95.1 | 95.1 | 95.1 |
| | 250 | 92.1 | 93.4 | 95.5 | 96.3 | 96.9 | 93.4 | 96.3 | 96.9 | 96.9 | 96.9 |
| | 500 | 94.3 | 95.7 | 95.9 | 95.7 | 95.5 | 95.7 | 95.7 | 95.5 | 95.5 | 95.5 |
| | 1000 | 93.8 | 99.2 | 100.4 | 100.1 | 99.9 | 99.2 | 100.1 | 99.9 | 99.9 | 99.9 |
| | 2000 | 89.8 | 96.4 | 99.2 | 99.3 | 99.3 | 96.4 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 4000 | 83.9 | 87.8 | 90.0 | 90.3 | 90.5 | 87.8 | 90.3 | 90.5 | 90.5 | 90.5 |
| | 8000 | 67.4 | 70.7 | 72.1 | 72.3 | 71.6 | 70.7 | 72.3 | 71.6 | 71.6 | 71.6 |
| Overall | | 99.4 | 103.3 | 104.9 | 105.0 | 105.0 | 103.3 | 105.0 | 105.0 | 105.0 | 105.0 |

Table 4. Wind Turbine Acoustic Emission Summary – E-48

| Make: ENERCON Model: E-48 Electrical Rating: 800 Kilowatts Hub Height (m): 76 metres Wind Shear Coefficient: 0.2627 | | | | | | | | | | | |
|---|------|-------------------------------------|-------|-------|-------|-------|--------------------------|-------|-------|-------|-------|
| | | Octave Band Sound Power Level (dBA) | | | | | | | | | |
| | | Manufacturer's Emission Levels | | | | | Adjusted Emission Levels | | | | |
| Wind Speed (m/s) | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 |
| Frequency (Hz) | 63 | 79.5 | 81.6 | 79.6 | 79.8 | 78.6 | 81.6 | 79.8 | 78.6 | 78.6 | 78.6 |
| | 125 | 83.6 | 86.3 | 86.0 | 87.3 | 84.4 | 86.3 | 87.3 | 84.4 | 84.4 | 84.4 |
| | 250 | 90.5 | 93.8 | 95.1 | 96.1 | 93.3 | 93.8 | 96.1 | 93.3 | 93.3 | 93.3 |
| | 500 | 92.8 | 95.7 | 97.1 | 97.5 | 96.8 | 95.7 | 97.5 | 96.8 | 96.8 | 96.8 |
| | 1000 | 92.6 | 94.1 | 95.5 | 95.1 | 97.9 | 94.1 | 95.1 | 97.9 | 97.9 | 97.9 |
| | 2000 | 87.4 | 89.0 | 89.1 | 90.0 | 92.7 | 89.0 | 90.0 | 92.7 | 92.7 | 92.7 |
| | 4000 | 83.6 | 86.1 | 85.8 | 88.8 | 87.6 | 86.1 | 88.8 | 87.6 | 87.6 | 87.6 |
| | 8000 | 80.2 | 83.6 | 83.6 | 87.1 | 84.6 | 83.6 | 87.1 | 84.6 | 84.6 | 84.6 |
| Overall | | 97.8 | 100.3 | 101.4 | 102.0 | 102.1 | 100.3 | 102.0 | 102.1 | 102.1 | 102.1 |

Table 5. Transformer Acoustic Emission Summary

| Octave Band Centre Frequency (Hz) | 31 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Overall |
|---|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Transformer Sound Power (dBA) | 91.0 | 97.0 | 99.0 | 94.0 | 94.0 | 88.0 | 83.0 | 78.0 | 71.0 | 103.0 |
| Tonal Penalty ¹ (dB) | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Resultant Transformer Sound Power (dBA) | 96.0 | 102.0 | 104.0 | 99.0 | 99.0 | 93.0 | 88.0 | 83.0 | 76.0 | 108.0 |

Notes:

- The tonal penalty is required for transformers serving more than one wind turbine as per MOE PIBS 4709e.

Table 6. Wind Turbine and Transformer Locations

| Project Name: Bluewater Wind Energy Facility | | | | |
|--|------------------------|-----------------|---------|------------------|
| Identifier | Equipment Make & Model | UTM Coordinates | | Remarks |
| | | X | Y | |
| SUB | Unknown | 449471.5 | 4815930 | Transformer |
| BT_1 | GE 1.6-100 | 445260 | 4816548 | - |
| BT_2 | GE 1.6-100 | 445320 | 4816183 | - |
| BT_3 | GE 1.6-100 | 445565 | 4813118 | - |
| BT_4 | GE 1.6-100 | 445568 | 4812063 | - |
| BT_5 | GE 1.6-100 | 445933 | 4810683 | - |
| BT_6 | GE 1.6-100 | 446088 | 4809847 | - |
| BT_7 | GE 1.6-100 | 446207 | 4820836 | - |
| BT_8 | GE 1.6-100 | 446521 | 4819890 | - |
| BT_9 | GE 1.6-100 | 446485 | 4819125 | - |
| BT_10 | GE 1.6-100 | 446595 | 4818636 | - |
| BT_11 | GE 1.6-100 | 446832 | 4817609 | - |
| BT_12 | GE 1.6-100 | 446877 | 4816800 | - |
| BT_13 | GE 1.6-100 | 447116 | 4816186 | - |
| BT_14 | GE 1.6-100 | 447232 | 4815368 | - |
| BT_15 | GE 1.6-100 | 447186 | 4814525 | - |
| BT_16 | GE 1.6-100 | 447590 | 4813794 | - |
| BT_17 | GE 1.6-100 | 447358 | 4812978 | - |
| BT_18 | GE 1.6-100 | 447341 | 4812484 | - |
| BT_19 | GE 1.6-100 | 448234 | 4820588 | - |
| BT_20 | GE 1.6-100 | 448434 | 4820321 | - |
| BT_21 | GE 1.6-100 | 449105 | 4819060 | - |
| BT_22 | GE 1.6-100 | 449166 | 4818561 | - |
| BT_23 | GE 1.6-100 | 449406 | 4817022 | - |
| BT_24 | GE 1.6-100 | 448974 | 4816250 | - |
| BT_25 | GE 1.6-100 | 449175 | 4814818 | - |
| BT_26 | GE 1.6-100 | 449284 | 4814234 | - |
| BT_27 | GE 1.6-100 | 449400 | 4813830 | - |
| BT_28 | GE 1.6-100 | 450031 | 4813877 | - |
| BT_29 | GE 1.6-100 | 450097 | 4813116 | - |
| BT_30 | GE 1.6-100 | 450058 | 4812694 | - |
| BT_31 | GE 1.6-100 | 450567 | 4810875 | - |
| BT_32 | GE 1.6-100 | 450732 | 4819033 | - |
| BT_33 | GE 1.6-100 | 451219 | 4819080 | - |
| BT_34 | GE 1.6-100 | 450937 | 4817380 | - |
| BT_35 | GE 1.6-100 | 451669 | 4815710 | - |
| BT_36 | GE 1.6-100 | 451756 | 4815381 | - |
| BT_37 | GE 1.6-100 | 453294 | 4815596 | - |
| BT_38 | GE 1.6-100 | 449306 | 4817953 | - |
| BT_39 | GE 1.6-100 | 449597 | 4815379 | - |
| BT_40 | GE 1.6-100 | 449532 | 4811269 | - |
| BT_41 | GE 1.6-100 | 450920 | 4816780 | - |
| Project Name: Zurich Wind Farm | | | | |
| Z_1 | E-48 | 446741 | 4808398 | Existing Turbine |

Table 7. Noise Impact Summary

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_1 | POR | 4.5 | 443180.4 | 4810773.6 | 2714 | BT_4 | 8134 | 23.4 | 25.1 | 25.1 | 25.1 | 25.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_2 | POR | 4.5 | 443185.6 | 4811200.8 | 2534 | BT_4 | 7866 | 23.7 | 25.3 | 25.4 | 25.4 | 25.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_3 | POR | 4.5 | 443205.3 | 4811124.8 | 2542 | BT_4 | 7897 | 23.7 | 25.4 | 25.4 | 25.4 | 25.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_4 | POR | 4.5 | 443205.7 | 4810983.8 | 2597 | BT_4 | 7983 | 23.6 | 25.3 | 25.4 | 25.4 | 25.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_5 | POR | 4.5 | 443206.8 | 4811625.1 | 2401 | BT_4 | 7601 | 24.3 | 26.0 | 26.1 | 26.1 | 26.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_6 | POR | 4.5 | 443214.3 | 4811596.3 | 2400 | BT_4 | 7612 | 24.3 | 26.0 | 26.1 | 26.1 | 26.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_7 | POR | 4.5 | 443236.2 | 4811419.1 | 2419 | BT_4 | 7696 | 24.1 | 25.8 | 25.9 | 25.9 | 25.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_8 | POR | 4.5 | 443251.9 | 4810511 | 2687 | BT_5 | 8249 | 23.4 | 25.1 | 25.2 | 25.2 | 25.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_9 | POR | 4.5 | 443254 | 4811743.7 | 2336 | BT_4 | 7496 | 24.7 | 26.4 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_10 | POR | 4.5 | 443272.6 | 4811870.9 | 2303 | BT_4 | 7410 | 24.8 | 26.5 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_11 | POR | 4.5 | 443274.8 | 4811771.7 | 2312 | BT_4 | 7463 | 24.8 | 26.4 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_12 | POR | 4.5 | 443279.6 | 4812094 | 2289 | BT_4 | 7284 | 24.9 | 26.6 | 26.8 | 26.8 | 26.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_13 | POR | 4.5 | 443285.9 | 4811118.1 | 2470 | BT_4 | 7837 | 24.0 | 25.6 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_14 | POR | 4.5 | 443287.5 | 4811103.8 | 2474 | BT_4 | 7844 | 24.0 | 25.6 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_15 | POR | 4.5 | 443296 | 4811274.4 | 2405 | BT_4 | 7734 | 24.3 | 26.0 | 26.0 | 26.0 | 26.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_16 | POR | 4.5 | 443351.4 | 4811869.7 | 2225 | BT_4 | 7345 | 25.1 | 26.8 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_17 | POR | 4.5 | 443354.2 | 4812765.9 | 2239 | BT_3 | 6887 | 25.5 | 27.2 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_18 | POR | 4.5 | 443360.9 | 4810832.2 | 2527 | BT_4 | 7958 | 24.1 | 25.7 | 25.8 | 25.8 | 25.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_19 | POR | 4.5 | 443385.7 | 4812062.9 | 2182 | BT_4 | 7211 | 25.4 | 27.1 | 27.2 | 27.2 | 27.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_20 | POR | 4.5 | 443388.9 | 4812935 | 2184 | BT_3 | 6780 | 25.7 | 27.4 | 27.5 | 27.5 | 27.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_21 | POR | 4.5 | 443393.4 | 4812147.7 | 2176 | BT_4 | 7159 | 25.4 | 27.1 | 27.2 | 27.2 | 27.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_22 | POR | 4.5 | 443420.8 | 4812539.2 | 2199 | BT_4 | 6936 | 25.7 | 27.4 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_23 | POR | 4.5 | 443428.1 | 4813548.4 | 2180 | BT_3 | 6496 | 25.8 | 27.5 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_24 | POR | 4.5 | 443445.9 | 4812620 | 2177 | BT_3 | 6875 | 25.9 | 27.5 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_25 | POR | 4.5 | 443454.3 | 4813066.3 | 2111 | BT_3 | 6664 | 25.9 | 27.6 | 27.8 | 27.8 | 27.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_26 | POR | 4.5 | 443456.7 | 4813765.8 | 2206 | BT_3 | 6392 | 25.8 | 27.5 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_27 | POR | 4.5 | 443491 | 4814089.2 | 2290 | BT_3 | 6257 | 26.0 | 27.7 | 27.8 | 27.8 | 27.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_28 | POR | 4.5 | 443494.6 | 4814344.6 | 2406 | BT_3 | 6184 | 25.9 | 27.6 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_29 | POR | 4.5 | 443513.9 | 4814970.1 | 2176 | BT_2 | 6034 | 26.4 | 28.1 | 28.3 | 28.3 | 28.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_30 | POR | 4.5 | 443531.7 | 4814758.5 | 2286 | BT_2 | 6054 | 26.3 | 28.0 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_31 | POR | 4.5 | 443532.8 | 4813833.3 | 2154 | BT_3 | 6298 | 26.1 | 27.8 | 27.9 | 27.9 | 27.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_32 | POR | 4.5 | 443538.4 | 4813520.5 | 2066 | BT_3 | 6404 | 26.2 | 27.9 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_33 | POR | 4.5 | 443561.1 | 4813823.1 | 2124 | BT_3 | 6275 | 26.2 | 27.9 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_34 | POR | 4.5 | 443572.4 | 4814184.8 | 2260 | BT_3 | 6152 | 26.1 | 27.8 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_35 | POR | 4.5 | 443586.4 | 4815417.8 | 1895 | BT_2 | 5907 | 27.3 | 28.9 | 29.1 | 29.1 | 29.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_36 | POR | 4.5 | 443602.6 | 4815518.5 | 1842 | BT_2 | 5883 | 27.5 | 29.1 | 29.3 | 29.3 | 29.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_37 | POR | 4.5 | 443651.4 | 4815941.5 | 1686 | BT_2 | 5820 | 28.3 | 29.9 | 30.0 | 30.0 | 30.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_38 | POR | 4.5 | 443677.3 | 4814643.2 | 2252 | BT_2 | 5935 | 26.7 | 28.4 | 28.5 | 28.5 | 28.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_39 | POR | 4.5 | 443700.4 | 4816689.9 | 1566 | BT_1 | 5821 | 28.7 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_40 | POR | 4.5 | 443701.6 | 4816651.2 | 1562 | BT_1 | 5815 | 28.7 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_41 | POR | 4.5 | 443716.6 | 4822419.4 | 2951 | BT_7 | 8673 | 20.2 | 22.0 | 22.1 | 22.1 | 22.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_42 | POR | 4.5 | 443750.4 | 4822472.4 | 2952 | BT_7 | 8691 | 20.2 | 21.9 | 22.1 | 22.1 | 22.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_43 | POR | 4.5 | 443783.3 | 4817526.3 | 1771 | BT_1 | 5908 | 27.7 | 29.3 | 29.4 | 29.4 | 29.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_44 | POR | 4.5 | 443795.3 | 4816282.3 | 1489 | BT_1 | 5687 | 29.4 | 30.9 | 31.0 | 31.0 | 31.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_45 | POR | 4.5 | 443804.1 | 4815875.9 | 1547 | BT_2 | 5668 | 29.1 | 30.7 | 30.8 | 30.8 | 30.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_46 | POR | 4.5 | 443831.2 | 4811087.6 | 1992 | BT_4 | 7434 | 26.5 | 28.1 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_47 | POR | 4.5 | 443838.3 | 4816870.2 | 1458 | BT_1 | 5711 | 29.2 | 30.8 | 30.9 | 30.9 | 30.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_48 | POR | 4.5 | 443838.6 | 4818216 | 2191 | BT_1 | 6079 | 26.7 | 28.3 | 28.5 | 28.5 | 28.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_49 | POR | 4.5 | 443856.7 | 4811050.2 | 1988 | BT_4 | 7439 | 26.6 | 28.2 | 28.3 | 28.3 | 28.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_50 | POR | 4.5 | 443863.5 | 4811057 | 1979 | BT_4 | 7430 | 26.6 | 28.2 | 28.3 | 28.3 | 28.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_51 | POR | 4.5 | 443866.5 | 4817020.2 | 1471 | BT_1 | 5710 | 29.1 | 30.7 | 30.8 | 30.8 | 30.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_52 | POR | 4.5 | 443884.6 | 4811077.3 | 1951 | BT_4 | 7400 | 26.7 | 28.3 | 28.4 | 28.4 | 28.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_53 | POR | 4.5 | 443895.7 | 4816682.9 | 1371 | BT_1 | 5626 | 29.9 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_54 | POR | 4.5 | 443915.8 | 4819487.9 | 2595 | BT_9 | 6597 | 25.8 | 27.5 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_55 | POR | 4.5 | 443942 | 4819032 | 2545 | BT_9 | 6340 | 26.3 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_56 | POR | 4.5 | 443951.8 | 4823562 | 3538 | BT_7 | 9419 | 11.7 | 13.5 | 13.7 | 13.7 | 13.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_57 | POR | 4.5 | 443952.7 | 4819162.5 | 2533 | BT_9 | 6396 | 26.1 | 27.8 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_58 | POR | 4.5 | 443996.4 | 4819464.8 | 2512 | BT_9 | 6517 | 26.1 | 27.8 | 27.9 | 27.9 | 27.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_59 | POR | 4.5 | 444026 | 4820586.8 | 2195 | BT_7 | 7165 | 25.3 | 27.0 | 27.1 | 27.1 | 27.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_60 | POR | 4.5 | 444035.1 | 4821955.9 | 2444 | BT_7 | 8116 | 22.4 | 24.1 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_61 | POR | 4.5 | 444078.5 | 4820310.3 | 2192 | BT_7 | 6948 | 25.8 | 27.4 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_62 | POR | 4.5 | 444081.6 | 4823496.5 | 3405 | BT_7 | 9290 | 13.0 | 14.9 | 15.0 | 15.0 | 15.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_63 | POR | 4.5 | 444090.3 | 4823749.7 | 3601 | BT_7 | 9492 | 11.5 | 13.3 | 13.5 | 13.5 | 13.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_64 | POR | 4.5 | 444095.4 | 4820587.3 | 2126 | BT_7 | 7113 | 25.6 | 27.2 | 27.4 | 27.4 | 27.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_65 | POR | 4.5 | 444099.7 | 4820606.2 | 2120 | BT_7 | 7122 | 25.6 | 27.2 | 27.4 | 27.4 | 27.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_66 | POR | 4.5 | 444102.9 | 4822347 | 2590 | BT_7 | 8366 | 21.8 | 23.5 | 23.7 | 23.7 | 23.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_67 | POR | 4.5 | 444108.6 | 4820640.3 | 2108 | BT_7 | 7138 | 25.6 | 27.2 | 27.4 | 27.4 | 27.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_68 | POR | 4.5 | 444111.8 | 4820674.7 | 2101 | BT_7 | 7158 | 25.5 | 27.2 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_69 | POR | 4.5 | 444117.4 | 4821113 | 2108 | BT_7 | 7452 | 24.7 | 26.4 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_70 | POR | 4.5 | 444118.1 | 4820709.4 | 2093 | BT_7 | 7176 | 25.5 | 27.2 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_71 | POR | 4.5 | 444122.6 | 4820747.2 | 2086 | BT_7 | 7198 | 25.5 | 27.2 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_72 | POR | 4.5 | 444123.3 | 4823773.1 | 3601 | BT_7 | 9493 | 11.5 | 13.3 | 13.5 | 13.5 | 13.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_73 | POR | 4.5 | 444133.4 | 4822259.1 | 2515 | BT_7 | 8279 | 22.1 | 23.8 | 23.9 | 23.9 | 23.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_74 | POR | 4.5 | 444138.4 | 4823697.7 | 3531 | BT_7 | 9422 | 11.7 | 13.5 | 13.7 | 13.7 | 13.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_75 | POR | 4.5 | 444139.9 | 4823676.3 | 3513 | BT_7 | 9403 | 11.7 | 13.6 | 13.8 | 13.8 | 13.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_76 | POR | 4.5 | 444141.9 | 4823650.5 | 3491 | BT_7 | 9381 | 11.8 | 13.7 | 13.8 | 13.8 | 13.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_77 | POR | 4.5 | 444152.2 | 4822333.1 | 2542 | BT_7 | 8324 | 21.9 | 23.7 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_78 | POR | 4.5 | 444156.6 | 4823612 | 3451 | BT_7 | 9341 | 11.9 | 13.8 | 14.0 | 14.0 | 14.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_79 | POR | 4.5 | 444157.8 | 4823600.5 | 3441 | BT_7 | 9331 | 12.0 | 13.8 | 14.0 | 14.0 | 14.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_80 | POR | 4.5 | 444158.6 | 4823563.2 | 3411 | BT_7 | 9300 | 12.1 | 13.9 | 14.1 | 14.1 | 14.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_81 | POR | 4.5 | 444159.8 | 4823585.4 | 3428 | BT_7 | 9317 | 12.0 | 13.9 | 14.0 | 14.0 | 14.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_82 | POR | 4.5 | 444174.2 | 4822144.3 | 2417 | BT_7 | 8166 | 22.5 | 24.2 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_83 | POR | 4.5 | 444177.8 | 4822109.8 | 2396 | BT_7 | 8137 | 22.6 | 24.3 | 24.4 | 24.4 | 24.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_84 | POR | 4.5 | 444184 | 4821968.9 | 2319 | BT_7 | 8026 | 22.9 | 24.6 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_85 | POR | 4.5 | 444188.1 | 4819443.9 | 2319 | BT_9 | 6345 | 26.9 | 28.6 | 28.7 | 28.7 | 28.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_86 | POR | 4.5 | 444207.3 | 4811147.2 | 1640 | BT_4 | 7113 | 28.4 | 29.9 | 30.0 | 30.0 | 30.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_87 | POR | 4.5 | 444212.2 | 4823813.2 | 3584 | BT_7 | 9476 | 11.5 | 13.4 | 13.5 | 13.5 | 13.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_88 | POR | 4.5 | 444222.1 | 4823521.1 | 3339 | BT_7 | 9229 | 13.9 | 15.8 | 15.9 | 15.9 | 15.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_89 | POR | 4.5 | 444239.5 | 4821323.6 | 2027 | BT_7 | 7514 | 24.9 | 26.5 | 26.7 | 26.7 | 26.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_90 | POR | 4.5 | 444248.2 | 4821255.4 | 2003 | BT_7 | 7459 | 25.0 | 26.7 | 26.8 | 26.8 | 26.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_91 | POR | 4.5 | 444255.4 | 4821318.7 | 2010 | BT_7 | 7499 | 25.0 | 26.6 | 26.7 | 26.7 | 26.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_92 | POR | 4.5 | 444257.8 | 4823519.5 | 3317 | BT_7 | 9208 | 14.0 | 15.8 | 16.0 | 16.0 | 16.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_93 | POR | 4.5 | 444265.6 | 4821294.6 | 1995 | BT_7 | 7475 | 25.0 | 26.7 | 26.8 | 26.8 | 26.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_94 | POR | 4.5 | 444269.3 | 4823706.5 | 3463 | BT_7 | 9356 | 11.9 | 13.7 | 13.9 | 13.9 | 13.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_95 | POR | 4.5 | 444273.2 | 4821569.9 | 2068 | BT_7 | 7670 | 24.4 | 26.0 | 26.2 | 26.2 | 26.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_96 | POR | 4.5 | 444274.2 | 4821822.8 | 2170 | BT_7 | 7857 | 23.8 | 25.5 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_97 | POR | 4.5 | 444286.8 | 4823725.1 | 3469 | BT_7 | 9362 | 11.9 | 13.7 | 13.9 | 13.9 | 13.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_98 | POR | 4.5 | 444294.3 | 4823742.2 | 3479 | BT_7 | 9372 | 11.8 | 13.7 | 13.9 | 13.9 | 13.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_99 | POR | 4.5 | 444302.9 | 4822197.2 | 2341 | BT_7 | 8123 | 22.8 | 24.4 | 24.6 | 24.6 | 24.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_100 | POR | 4.5 | 444310.1 | 4822165 | 2316 | BT_7 | 8094 | 22.9 | 24.5 | 24.7 | 24.7 | 24.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_101 | POR | 4.5 | 444311.4 | 4821976 | 2212 | BT_7 | 7948 | 23.4 | 25.0 | 25.2 | 25.2 | 25.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_102 | POR | 4.5 | 444317.2 | 4822131.8 | 2291 | BT_7 | 8064 | 23.0 | 24.7 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_103 | POR | 4.5 | 444344.7 | 4823487 | 3240 | BT_7 | 9132 | 14.2 | 16.1 | 16.2 | 16.2 | 16.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_104 | POR | 4.5 | 444348.6 | 4822130.9 | 2265 | BT_7 | 8043 | 23.1 | 24.8 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_105 | POR | 4.5 | 444357.6 | 4822358.2 | 2395 | BT_7 | 8214 | 22.5 | 24.2 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_106 | POR | 4.5 | 444407.8 | 4822117.9 | 2209 | BT_7 | 7995 | 23.3 | 25.0 | 25.1 | 25.1 | 25.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_107 | POR | 4.5 | 444423.5 | 4822135.8 | 2207 | BT_7 | 7999 | 23.3 | 25.0 | 25.1 | 25.1 | 25.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_108 | POR | 4.5 | 444500 | 4822706.5 | 2532 | BT_7 | 8404 | 21.9 | 23.6 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_109 | POR | 4.5 | 444690 | 4822820 | 2497 | BT_7 | 8386 | 22.0 | 23.8 | 23.9 | 23.9 | 23.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_110 | POR | 4.5 | 444702.4 | 4822607.4 | 2324 | BT_7 | 8205 | 22.7 | 24.4 | 24.6 | 24.6 | 24.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_111 | POR | 4.5 | 444713.8 | 4823414.1 | 2979 | BT_7 | 8868 | 20.0 | 21.8 | 21.9 | 21.9 | 21.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_112 | POR | 4.5 | 444798.4 | 4821334.3 | 1494 | BT_7 | 7144 | 27.7 | 29.2 | 29.3 | 29.3 | 29.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_113 | POR | 4.5 | 444801.5 | 4810142.5 | 1254 | BT_5 | 7437 | 30.8 | 32.3 | 32.3 | 32.3 | 32.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_114 | POR | 4.5 | 444803.5 | 4822699.7 | 2333 | BT_7 | 8223 | 22.7 | 24.4 | 24.5 | 24.5 | 24.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_115 | POR | 4.5 | 444804.4 | 4822954.4 | 2541 | BT_7 | 8433 | 21.9 | 23.6 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_116 | POR | 4.5 | 444862 | 4817566.7 | 1094 | BT_1 | 4891 | 32.8 | 34.3 | 34.4 | 34.4 | 34.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_117 | POR | 4.5 | 444866.3 | 4815486.7 | 831 | BT_2 | 4626 | 34.6 | 36.0 | 36.1 | 36.1 | 36.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_118 | POR | 4.5 | 444878.5 | 4822686.1 | 2278 | BT_7 | 8169 | 22.9 | 24.6 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_119 | POR | 4.5 | 444902.6 | 4811230.6 | 1066 | BT_4 | 6554 | 32.7 | 34.1 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_120 | POR | 4.5 | 444916.1 | 4822960.8 | 2486 | BT_7 | 8377 | 22.1 | 23.8 | 24.0 | 24.0 | 24.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_121 | POR | 4.5 | 444924.7 | 4811345.2 | 964 | BT_4 | 6457 | 33.1 | 34.6 | 34.6 | 34.6 | 34.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_122 | POR | 4.5 | 444937.4 | 4822666.9 | 2228 | BT_7 | 8120 | 23.2 | 24.8 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_123 | POR | 4.5 | 444966.7 | 4809318.6 | 1240 | BT_6 | 8000 | 29.7 | 31.2 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_124 | POR | 4.5 | 444999 | 4822522.2 | 2074 | BT_7 | 7966 | 23.8 | 25.5 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_125 | POR | 4.5 | 445007.3 | 4822518.2 | 2066 | BT_7 | 7958 | 23.9 | 25.5 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_126 | POR | 4.5 | 445016.4 | 4822559.9 | 2095 | BT_7 | 7987 | 23.7 | 25.4 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_127 | POR | 4.5 | 445032.4 | 4809792.3 | 1057 | BT_6 | 7575 | 31.8 | 33.2 | 33.3 | 33.3 | 33.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_128 | POR | 4.5 | 445041.4 | 4822640.1 | 2148 | BT_7 | 8040 | 23.5 | 25.2 | 25.3 | 25.3 | 25.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_129 | POR | 4.5 | 445070.6 | 4809291 | 1159 | BT_6 | 7965 | 30.3 | 31.7 | 31.7 | 31.7 | 31.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_130 | POR | 4.5 | 445077.2 | 4808021.4 | 1706 | Z_1 | 9048 | 25.1 | 26.8 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_131 | POR | 4.5 | 445093.7 | 4821775.5 | 1457 | BT_7 | 7303 | 27.5 | 29.0 | 29.1 | 29.1 | 29.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_132 | POR | 4.5 | 445105 | 4821802.9 | 1466 | BT_7 | 7318 | 27.4 | 29.0 | 29.1 | 29.1 | 29.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_133 | POR | 4.5 | 445174.2 | 4807894.8 | 1646 | Z_1 | 9112 | 25.1 | 26.7 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_134 | POR | 4.5 | 445222.3 | 4808615.9 | 1505 | BT_6 | 8459 | 28.1 | 29.7 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_135 | POR | 4.5 | 445243 | 4822570.1 | 1984 | BT_7 | 7872 | 24.3 | 25.9 | 26.1 | 26.1 | 26.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_136 | POR | 4.5 | 445263.8 | 4811128.2 | 804 | BT_5 | 6385 | 35.0 | 36.4 | 36.5 | 36.5 | 36.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_137 | POR | 4.5 | 445269.5 | 4811108.3 | 788 | BT_5 | 6396 | 35.0 | 36.5 | 36.5 | 36.5 | 36.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_138 | POR | 4.5 | 445273.6 | 4811025.7 | 743 | BT_5 | 6456 | 35.2 | 36.6 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_139 | POR | 4.5 | 445288.7 | 4819594.6 | 1267 | BT_8 | 5561 | 32.6 | 34.1 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_140 | POR | 4.5 | 445327.8 | 4824087.1 | 3368 | BT_7 | 9149 | 18.4 | 20.2 | 20.4 | 20.4 | 20.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_141 | POR | 4.5 | 445331.8 | 4820631.5 | 899 | BT_7 | 6264 | 33.0 | 34.5 | 34.5 | 34.5 | 34.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_142 | POR | 4.5 | 445336.9 | 4824080.3 | 3359 | BT_7 | 9139 | 18.4 | 20.3 | 20.4 | 20.4 | 20.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_143 | POR | 4.5 | 445338.8 | 4815611.5 | 572 | BT_2 | 4145 | 37.6 | 39.1 | 39.1 | 39.1 | 39.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_144 | POR | 4.5 | 445346.1 | 4824072 | 3349 | BT_7 | 9127 | 18.5 | 20.3 | 20.5 | 20.5 | 20.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_145 | POR | 4.5 | 445358 | 4824061.7 | 3336 | BT_7 | 9113 | 18.5 | 20.3 | 20.5 | 20.5 | 20.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_146 | POR | 4.5 | 445406.2 | 4820631 | 827 | BT_7 | 6215 | 33.7 | 35.1 | 35.2 | 35.2 | 35.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_147 | POR | 4.5 | 445417.4 | 4823343.3 | 2629 | BT_7 | 8449 | 21.7 | 23.4 | 23.6 | 23.6 | 23.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_148 | POR | 4.5 | 445421.9 | 4808223.9 | 1331 | Z_1 | 8706 | 27.6 | 29.2 | 29.0 | 29.0 | 29.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_149 | POR | 4.5 | 445503.4 | 4811497.4 | 569 | BT_4 | 5949 | 37.5 | 38.9 | 38.9 | 38.9 | 38.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_150 | POR | 4.5 | 445529.7 | 4822563.3 | 1855 | BT_7 | 7716 | 25.0 | 26.6 | 26.7 | 26.7 | 26.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_151 | POR | 4.5 | 445537.9 | 4820277.1 | 872 | BT_7 | 5862 | 34.4 | 35.9 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_152 | POR | 4.5 | 445564.7 | 4821060.6 | 680 | BT_7 | 6448 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_153 | POR | 4.5 | 445689 | 4823839.4 | 3048 | BT_7 | 8767 | 20.1 | 21.9 | 22.0 | 22.0 | 22.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_154 | POR | 4.5 | 445692.2 | 4819028 | 799 | BT_9 | 4887 | 35.9 | 37.4 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_155 | POR | 4.5 | 445714.1 | 4819842.2 | 808 | BT_8 | 5424 | 35.7 | 37.1 | 37.2 | 37.2 | 37.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_156 | POR | 4.5 | 445765.5 | 4821654.7 | 930 | BT_7 | 6819 | 31.7 | 33.2 | 33.2 | 33.2 | 33.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_157 | POR | 4.5 | 445767.1 | 4823903.3 | 3099 | BT_7 | 8792 | 20.0 | 21.7 | 21.9 | 21.9 | 21.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_158 | POR | 4.5 | 445772.3 | 4823952.9 | 3147 | BT_7 | 8834 | 19.8 | 21.6 | 21.8 | 21.8 | 21.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_159 | POR | 4.5 | 445780.5 | 4823850.4 | 3044 | BT_7 | 8738 | 20.1 | 21.9 | 22.1 | 22.1 | 22.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_160 | POR | 4.5 | 445791 | 4818059.3 | 990 | BT_10 | 4252 | 35.3 | 36.7 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_161 | POR | 4.5 | 445799.3 | 4819886.1 | 722 | BT_8 | 5397 | 36.4 | 37.9 | 37.9 | 37.9 | 37.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_162 | POR | 4.5 | 445815.6 | 4817764.9 | 1028 | BT_11 | 4090 | 35.3 | 36.7 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_163 | POR | 4.5 | 445815.7 | 4823496.3 | 2689 | BT_7 | 8403 | 21.6 | 23.4 | 23.5 | 23.5 | 23.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_164 | POR | 4.5 | 445879.9 | 4823637.5 | 2821 | BT_7 | 8503 | 20.9 | 22.7 | 22.8 | 22.8 | 22.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_165 | POR | 4.5 | 445923.5 | 4811283.4 | 600 | BT_5 | 5847 | 37.4 | 38.9 | 38.9 | 38.9 | 38.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_166 | POR | 4.5 | 445924.3 | 4817452.4 | 921 | BT_11 | 3860 | 36.2 | 37.6 | 37.7 | 37.7 | 37.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_167 | POR | 4.5 | 445925.7 | 4817414.7 | 927 | BT_11 | 3844 | 36.3 | 37.7 | 37.7 | 37.7 | 37.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_168 | POR | 4.5 | 445939.5 | 4823193.2 | 2372 | BT_7 | 8076 | 22.9 | 24.6 | 24.7 | 24.7 | 24.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_169 | POR | 4.5 | 445998.6 | 4817050.1 | 893 | BT_1 | 3649 | 37.3 | 38.7 | 38.7 | 38.7 | 38.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_170 | POR | 4.5 | 446012.7 | 4816820.2 | 800 | BT_1 | 3571 | 37.9 | 39.3 | 39.3 | 39.3 | 39.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_171 | POR | 4.5 | 446033.5 | 4822298.2 | 1472 | BT_7 | 7237 | 27.6 | 29.2 | 29.3 | 29.3 | 29.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_172 | POR | 4.5 | 446062.2 | 4816126.3 | 744 | BT_2 | 3415 | 37.9 | 39.3 | 39.3 | 39.3 | 39.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_173 | POR | 4.5 | 446089.9 | 4814258.4 | 1128 | BT_15 | 3772 | 34.7 | 36.1 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_174 | POR | 4.5 | 446143.4 | 4815818.2 | 901 | BT_2 | 3330 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_175 | POR | 4.5 | 446149.3 | 4814339.3 | 1053 | BT_15 | 3684 | 34.9 | 36.3 | 36.4 | 36.4 | 36.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_176 | POR | 4.5 | 446211.3 | 4814599.4 | 978 | BT_15 | 3521 | 35.2 | 36.6 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_177 | POR | 4.5 | 446215.4 | 4816643.5 | 680 | BT_12 | 3333 | 38.1 | 39.5 | 39.6 | 39.6 | 39.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_178 | POR | 4.5 | 446220.3 | 4816598.9 | 687 | BT_12 | 3319 | 38.4 | 39.8 | 39.9 | 39.9 | 39.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_179 | POR | 4.5 | 446227 | 4814592.2 | 961 | BT_15 | 3510 | 35.3 | 36.7 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_180 | POR | 4.5 | 446230.2 | 4814991.8 | 1064 | BT_15 | 3374 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_181 | POR | 4.5 | 446291.8 | 4813694.4 | 928 | BT_3 | 3887 | 35.8 | 37.2 | 37.3 | 37.3 | 37.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_182 | POR | 4.5 | 446293.6 | 4813986 | 1043 | BT_15 | 3725 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_183 | POR | 4.5 | 446306.6 | 4813994.9 | 1027 | BT_15 | 3710 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_184 | POR | 4.5 | 446321.2 | 4814570.3 | 866 | BT_15 | 3431 | 35.8 | 37.2 | 37.3 | 37.3 | 37.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_185 | POR | 4.5 | 446335.4 | 4812981.4 | 782 | BT_3 | 4305 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_186 | POR | 4.5 | 446340.5 | 4822173.4 | 1344 | BT_7 | 6984 | 28.7 | 30.2 | 30.3 | 30.3 | 30.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_187 | POR | 4.5 | 446341.1 | 4816200.2 | 775 | BT_13 | 3142 | 38.2 | 39.6 | 39.7 | 39.7 | 39.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_188 | POR | 4.5 | 446361.1 | 4814325 | 849 | BT_15 | 3500 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_189 | POR | 4.5 | 446366.9 | 4812792.2 | 866 | BT_3 | 4414 | 36.8 | 38.3 | 38.3 | 38.3 | 38.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_190 | POR | 4.5 | 446403.9 | 4813280.7 | 855 | BT_3 | 4053 | 36.6 | 38.0 | 38.1 | 38.1 | 38.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_191 | POR | 4.5 | 446416.4 | 4812420.9 | 921 | BT_4 | 4653 | 36.6 | 38.0 | 38.1 | 38.1 | 38.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_192 | POR | 4.5 | 446597.3 | 4811448.9 | 1014 | BT_5 | 5324 | 34.5 | 36.0 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_193 | POR | 4.5 | 446611.3 | 4813233.2 | 789 | BT_17 | 3931 | 37.2 | 38.6 | 38.7 | 38.7 | 38.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_194 | POR | 4.5 | 446621.2 | 4811481.9 | 1054 | BT_5 | 5283 | 34.5 | 35.9 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_195 | POR | 4.5 | 446681.1 | 4811490.6 | 1101 | BT_5 | 5244 | 34.3 | 35.8 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_196 | POR | 4.5 | 446700.1 | 4812925 | 660 | BT_17 | 4088 | 38.2 | 39.7 | 39.7 | 39.7 | 39.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_197 | POR | 4.5 | 446702.3 | 4811491.6 | 1116 | BT_5 | 5232 | 34.3 | 35.8 | 35.8 | 35.8 | 35.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_198 | POR | 4.5 | 446725.8 | 4810463.4 | 823 | BT_5 | 6118 | 35.3 | 36.7 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_199 | POR | 4.5 | 446742.3 | 4811495.7 | 1147 | BT_5 | 5207 | 34.2 | 35.7 | 35.8 | 35.8 | 35.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_200 | POR | 4.5 | 446743 | 4813747.6 | 848 | BT_16 | 3494 | 37.4 | 38.8 | 38.8 | 38.8 | 38.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_201 | POR | 4.5 | 446750.3 | 4811613.2 | 1052 | BT_18 | 5103 | 34.5 | 36.0 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_202 | POR | 4.5 | 446754.3 | 4811637.9 | 1030 | BT_18 | 5080 | 34.6 | 36.0 | 36.1 | 36.1 | 36.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_203 | POR | 4.5 | 446757.2 | 4811584.2 | 1073 | BT_18 | 5124 | 34.4 | 35.9 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_204 | POR | 4.5 | 446757.8 | 4811496 | 1147 | BT_18 | 5199 | 34.2 | 35.7 | 35.8 | 35.8 | 35.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_205 | POR | 4.5 | 446759.9 | 4811450.2 | 1128 | BT_5 | 5237 | 34.1 | 35.6 | 35.7 | 35.7 | 35.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_206 | POR | 4.5 | 446761.2 | 4811538.9 | 1109 | BT_18 | 5160 | 34.3 | 35.8 | 35.8 | 35.8 | 35.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_207 | POR | 4.5 | 446770.7 | 4810107.1 | 731 | BT_6 | 6419 | 35.3 | 36.8 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_208 | POR | 4.5 | 446770.7 | 4811500 | 1137 | BT_18 | 5189 | 34.2 | 35.7 | 35.7 | 35.7 | 35.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_209 | POR | 4.5 | 446771.1 | 4811465.1 | 1146 | BT_5 | 5218 | 34.1 | 35.6 | 35.7 | 35.7 | 35.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_210 | POR | 4.5 | 446778.8 | 4821262.5 | 713 | BT_7 | 5974 | 35.1 | 36.5 | 36.6 | 36.6 | 36.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_211 | POR | 4.5 | 446779.8 | 4821304.1 | 740 | BT_7 | 6010 | 34.7 | 36.2 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_212 | POR | 4.5 | 446802.9 | 4811488.1 | 1132 | BT_18 | 5182 | 34.1 | 35.6 | 35.7 | 35.7 | 35.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_213 | POR | 4.5 | 446814.9 | 4811679.9 | 961 | BT_18 | 5012 | 34.7 | 36.2 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_214 | POR | 4.5 | 446821.4 | 4811641.5 | 990 | BT_18 | 5042 | 34.6 | 36.0 | 36.1 | 36.1 | 36.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_215 | POR | 4.5 | 446825 | 4811467.1 | 1140 | BT_18 | 5189 | 34.1 | 35.5 | 35.6 | 35.6 | 35.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_216 | POR | 4.5 | 446870.9 | 4809720.7 | 793 | BT_6 | 6732 | 34.1 | 35.6 | 35.6 | 35.6 | 35.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_217 | POR | 4.5 | 446895 | 4809336.8 | 951 | Z_1 | 7079 | 33.1 | 34.7 | 34.6 | 34.6 | 34.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_218 | POR | 4.5 | 446959.3 | 4810489 | 1044 | BT_5 | 5993 | 33.4 | 34.9 | 34.9 | 34.9 | 34.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_219 | POR | 4.5 | 446964.1 | 4809340.4 | 968 | Z_1 | 7051 | 32.7 | 34.3 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_220 | POR | 4.5 | 447005.3 | 4808850.1 | 524 | Z_1 | 7497 | 34.9 | 36.5 | 36.5 | 36.5 | 36.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_221 | POR | 4.5 | 447007.4 | 4808444.9 | 271 | Z_1 | 7881 | 40.2 | 41.8 | 42.0 | 42.0 | 42.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | NC ³ |
| B_POR_222 | POR | 4.5 | 447034.4 | 4809421 | 1038 | BT_6 | 6951 | 32.4 | 33.9 | 33.9 | 33.9 | 33.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_223 | POR | 4.5 | 447061.5 | 4810636.2 | 1129 | BT_5 | 5817 | 32.8 | 34.3 | 34.3 | 34.3 | 34.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_224 | POR | 4.5 | 447100.1 | 4810072.1 | 1037 | BT_6 | 6320 | 32.5 | 34.0 | 34.1 | 34.1 | 34.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_225 | POR | 4.5 | 447140.2 | 4810031.4 | 1068 | BT_6 | 6343 | 32.3 | 33.8 | 33.8 | 33.8 | 33.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_226 | POR | 4.5 | 447212.5 | 4809388.9 | 1097 | Z_1 | 6920 | 31.4 | 33.0 | 32.9 | 32.9 | 32.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_227 | POR | 4.5 | 447240.1 | 4808839.3 | 666 | Z_1 | 7434 | 32.9 | 34.5 | 34.5 | 34.5 | 34.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_228 | POR | 4.5 | 447325.5 | 4808496.5 | 593 | Z_1 | 7737 | 33.4 | 35.1 | 35.0 | 35.0 | 35.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_229 | POR | 4.5 | 447355.1 | 4808256.8 | 630 | Z_1 | 7960 | 32.7 | 34.4 | 34.3 | 34.3 | 34.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_230 | POR | 4.5 | 447388.4 | 4821836.8 | 1508 | BT_19 | 6263 | 30.2 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_231 | POR | 4.5 | 447424.1 | 4808272.5 | 694 | Z_1 | 7927 | 31.9 | 33.5 | 33.4 | 33.4 | 33.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_232 | POR | 4.5 | 447504 | 4821062.3 | 871 | BT_19 | 5496 | 34.7 | 36.2 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_233 | POR | 4.5 | 447505.7 | 4821041.2 | 858 | BT_19 | 5476 | 34.8 | 36.3 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_234 | POR | 4.5 | 447564.6 | 4811744.9 | 772 | BT_18 | 4599 | 35.4 | 36.8 | 36.9 | 36.9 | 36.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_235 | POR | 4.5 | 447569.7 | 4811761.4 | 758 | BT_18 | 4582 | 35.5 | 37.0 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_236 | POR | 4.5 | 447606.8 | 4821804.9 | 1369 | BT_19 | 6163 | 30.5 | 32.0 | 32.1 | 32.1 | 32.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_237 | POR | 4.5 | 447701.2 | 4819705.5 | 957 | BT_20 | 4170 | 36.3 | 37.7 | 37.8 | 37.8 | 37.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_238 | POR | 4.5 | 447721.7 | 4820142.6 | 679 | BT_19 | 4561 | 37.9 | 39.4 | 39.4 | 39.4 | 39.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_239 | POR | 4.5 | 447726.1 | 4819317.7 | 1228 | BT_20 | 3811 | 35.8 | 37.2 | 37.3 | 37.3 | 37.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_240 | POR | 4.5 | 447751.3 | 4819841.4 | 834 | BT_20 | 4273 | 36.9 | 38.3 | 38.3 | 38.3 | 38.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_241 | POR | 4.5 | 447794.2 | 4811705.7 | 901 | BT_18 | 4545 | 34.5 | 35.9 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_242 | POR | 4.5 | 447892.1 | 4817780.2 | 1074 | BT_11 | 2432 | 36.1 | 37.5 | 37.6 | 37.6 | 37.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_243 | POR | 4.5 | 448001.7 | 4818473.4 | 1168 | BT_22 | 2937 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_244 | POR | 4.5 | 448031.8 | 4811860.7 | 930 | BT_18 | 4317 | 34.6 | 36.0 | 36.1 | 36.1 | 36.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_245 | POR | 4.5 | 448050.2 | 4817857.9 | 1243 | BT_11 | 2395 | 36.1 | 37.4 | 37.5 | 37.5 | 37.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_246 | POR | 4.5 | 448051.3 | 4817945.6 | 1255 | BT_38 | 2465 | 36.1 | 37.4 | 37.5 | 37.5 | 37.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_247 | POR | 4.5 | 448070.6 | 4811932 | 915 | BT_18 | 4237 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_248 | POR | 4.5 | 448079.4 | 4811594.7 | 1156 | BT_18 | 4554 | 33.4 | 34.8 | 34.9 | 34.9 | 34.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_249 | POR | 4.5 | 448111.7 | 4811602.6 | 1171 | BT_18 | 4536 | 33.4 | 34.8 | 34.9 | 34.9 | 34.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_250 | POR | 4.5 | 448114.6 | 4815594.8 | 911 | BT_14 | 1398 | 38.2 | 39.4 | 39.4 | 39.4 | 39.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_251 | POR | 4.5 | 448135.9 | 4821460.9 | 878 | BT_19 | 5690 | 33.7 | 35.2 | 35.2 | 35.2 | 35.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_252 | POR | 4.5 | 448161.5 | 4821424.8 | 840 | BT_19 | 5648 | 34.1 | 35.6 | 35.6 | 35.6 | 35.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_253 | POR | 4.5 | 448162 | 4817660.4 | 1181 | BT_38 | 2170 | 36.3 | 37.6 | 37.7 | 37.7 | 37.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

³ This receptor is more than 1500 metres away from the nearest turbine associated with the Bluewater Wind Energy Centre and is therefore not considered further in this noise assessment.

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_254 | POR | 4.5 | 448177.8 | 4816266.9 | 796 | BT_24 | 1337 | 38.3 | 39.5 | 39.6 | 39.6 | 39.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_255 | POR | 4.5 | 448254.2 | 4821506.5 | 919 | BT_19 | 5708 | 33.3 | 34.8 | 34.9 | 34.9 | 34.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_256 | POR | 4.5 | 448274.3 | 4814914.7 | 906 | BT_25 | 1570 | 38.2 | 39.5 | 39.5 | 39.5 | 39.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_257 | POR | 4.5 | 448295.6 | 4815995.8 | 724 | BT_24 | 1178 | 38.8 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_258 | POR | 4.5 | 448302.9 | 4816064.2 | 696 | BT_24 | 1176 | 38.9 | 40.0 | 40.1 | 40.1 | 40.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_259 | POR | 4.5 | 448312 | 4815825.4 | 786 | BT_24 | 1164 | 38.7 | 39.8 | 39.9 | 39.9 | 39.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_260 | POR | 4.5 | 448403.4 | 4815707.9 | 787 | BT_24 | 1091 | 38.9 | 40.0 | 40.1 | 40.1 | 40.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_261 | POR | 4.5 | 448430.4 | 4814471 | 821 | BT_25 | 1793 | 38.7 | 40.0 | 40.1 | 40.1 | 40.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_262 | POR | 4.5 | 448438.1 | 4814388.1 | 853 | BT_25 | 1856 | 38.7 | 40.0 | 40.1 | 40.1 | 40.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_263 | POR | 4.5 | 448441.6 | 4814359.3 | 852 | BT_26 | 1878 | 38.7 | 40.0 | 40.1 | 40.1 | 40.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_264 | POR | 4.5 | 448464.2 | 4814973.3 | 728 | BT_25 | 1389 | 38.9 | 40.1 | 40.2 | 40.2 | 40.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_265 | POR | 4.5 | 448465.2 | 4814069.7 | 835 | BT_26 | 2115 | 38.6 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_266 | POR | 4.5 | 448476.7 | 4813613.3 | 905 | BT_16 | 2522 | 37.9 | 39.3 | 39.3 | 39.3 | 39.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_267 | POR | 4.5 | 448503.6 | 4812739.1 | 1170 | BT_17 | 3335 | 35.8 | 37.2 | 37.3 | 37.3 | 37.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_268 | POR | 4.5 | 448503.9 | 4821445 | 898 | BT_19 | 5599 | 33.6 | 35.1 | 35.1 | 35.1 | 35.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_269 | POR | 4.5 | 448643.8 | 4811638.7 | 962 | BT_40 | 4371 | 34.1 | 35.6 | 35.6 | 35.6 | 35.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_270 | POR | 4.5 | 448654 | 4811732 | 993 | BT_40 | 4277 | 34.2 | 35.6 | 35.7 | 35.7 | 35.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_271 | POR | 4.5 | 448726.1 | 4813150.7 | 957 | BT_27 | 2878 | 37.0 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_272 | POR | 4.5 | 448728.7 | 4813022 | 1050 | BT_27 | 3002 | 36.6 | 37.9 | 38.0 | 38.0 | 38.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_273 | POR | 4.5 | 448793.3 | 4812839.4 | 1162 | BT_27 | 3164 | 36.1 | 37.5 | 37.6 | 37.6 | 37.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_274 | POR | 4.5 | 448800.7 | 4812430.6 | 1285 | BT_30 | 3563 | 35.1 | 36.5 | 36.6 | 36.6 | 36.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_275 | POR | 4.5 | 448804.9 | 4811756.8 | 876 | BT_40 | 4226 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_276 | POR | 4.5 | 448827.1 | 4811729.3 | 842 | BT_40 | 4250 | 34.9 | 36.3 | 36.4 | 36.4 | 36.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_277 | POR | 4.5 | 448851.3 | 4810775.2 | 841 | BT_40 | 5192 | 33.5 | 35.0 | 35.1 | 35.1 | 35.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_278 | POR | 4.5 | 448854.3 | 4812387.2 | 1242 | BT_30 | 3596 | 35.1 | 36.5 | 36.6 | 36.6 | 36.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_279 | POR | 4.5 | 448886.2 | 4810399.8 | 1083 | BT_40 | 5561 | 31.5 | 33.1 | 33.1 | 33.1 | 33.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_280 | POR | 4.5 | 448894.7 | 4809038.5 | 2247 | Z_1 | 6916 | 26.2 | 27.9 | 27.9 | 27.9 | 27.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_281 | POR | 4.5 | 448949 | 4810029.2 | 1370 | BT_40 | 5924 | 29.9 | 31.5 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_282 | POR | 4.5 | 449049.7 | 4809544.9 | 1790 | BT_40 | 6399 | 28.0 | 29.6 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_283 | POR | 4.5 | 449056.4 | 4821110.9 | 975 | BT_19 | 5197 | 33.8 | 35.3 | 35.4 | 35.4 | 35.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_284 | POR | 4.5 | 449137.2 | 4808373.8 | 2396 | Z_1 | 7564 | 23.9 | 25.7 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_285 | POR | 4.5 | 449141.1 | 4821226.9 | 1109 | BT_19 | 5307 | 32.6 | 34.1 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_286 | POR | 4.5 | 449147.5 | 4821371.4 | 1203 | BT_19 | 5451 | 31.7 | 33.2 | 33.3 | 33.3 | 33.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_287 | POR | 4.5 | 449148.9 | 4808725.2 | 2430 | Z_1 | 7212 | 24.9 | 26.6 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_288 | POR | 4.5 | 449169.2 | 4808350 | 2429 | Z_1 | 7586 | 23.8 | 25.6 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_289 | POR | 4.5 | 449195 | 4808397.1 | 2454 | Z_1 | 7538 | 23.9 | 25.6 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_290 | POR | 4.5 | 449214.5 | 4808353.7 | 2474 | Z_1 | 7581 | 23.8 | 25.5 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_291 | POR | 4.5 | 449247 | 4808452.2 | 2507 | Z_1 | 7481 | 24.0 | 25.7 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_292 | POR | 4.5 | 449248.6 | 4809312.7 | 1977 | BT_40 | 6621 | 27.1 | 28.8 | 28.8 | 28.8 | 28.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_293 | POR | 4.5 | 449282.6 | 4809046.6 | 2234 | BT_31 | 6886 | 26.0 | 27.7 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_294 | POR | 4.5 | 449283.6 | 4808498.9 | 2545 | Z_1 | 7434 | 24.1 | 25.8 | 25.8 | 25.8 | 25.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_295 | POR | 4.5 | 449288 | 4808464.3 | 2548 | Z_1 | 7468 | 24.0 | 25.7 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_296 | POR | 4.5 | 449296.2 | 4808397.7 | 2555 | Z_1 | 7535 | 23.8 | 25.5 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_297 | POR | 4.5 | 449311.6 | 4808834.2 | 2396 | BT_31 | 7098 | 25.2 | 26.9 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_298 | POR | 4.5 | 449328.9 | 4808253.8 | 2592 | Z_1 | 7678 | 23.2 | 25.0 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_299 | POR | 4.5 | 449331.4 | 4808209.8 | 2597 | Z_1 | 7722 | 23.1 | 24.9 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_300 | POR | 4.5 | 449364.7 | 4808453.6 | 2624 | Z_1 | 7477 | 23.9 | 25.6 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_301 | POR | 4.5 | 449372.9 | 4811920 | 670 | BT_40 | 4011 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_302 | POR | 4.5 | 449374.1 | 4808277.7 | 2636 | Z_1 | 7653 | 23.2 | 25.0 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_303 | POR | 4.5 | 449375.4 | 4808380.7 | 2634 | Z_1 | 7550 | 23.5 | 25.2 | 25.2 | 25.2 | 25.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_305 | POR | 4.5 | 449376.6 | 4808254.4 | 2640 | Z_1 | 7676 | 23.2 | 24.9 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_304 | POR | 4.5 | 449376.6 | 4808318.5 | 2637 | Z_1 | 7612 | 23.3 | 25.1 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_306 | POR | 4.5 | 449379.1 | 4808298.4 | 2640 | Z_1 | 7632 | 23.3 | 25.0 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_307 | POR | 4.5 | 449379.8 | 4808238.7 | 2644 | Z_1 | 7692 | 23.1 | 24.9 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_308 | POR | 4.5 | 449384.8 | 4808219.2 | 2650 | Z_1 | 7712 | 23.1 | 24.8 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_309 | POR | 4.5 | 449386.1 | 4808326.7 | 2646 | Z_1 | 7604 | 23.3 | 25.1 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_310 | POR | 4.5 | 449390.5 | 4808444.2 | 2650 | Z_1 | 7487 | 23.8 | 25.6 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_311 | POR | 4.5 | 449391.5 | 4821175.7 | 1283 | BT_20 | 5246 | 31.6 | 33.1 | 33.2 | 33.2 | 33.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_312 | POR | 4.5 | 449423.8 | 4808373.2 | 2683 | Z_1 | 7557 | 23.4 | 25.2 | 25.1 | 25.1 | 25.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_313 | POR | 4.5 | 449575.8 | 4821054 | 1357 | BT_20 | 5125 | 31.2 | 32.7 | 32.8 | 32.8 | 32.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_314 | POR | 4.5 | 449918.1 | 4819237 | 832 | BT_21 | 3337 | 37.4 | 38.8 | 38.9 | 38.9 | 38.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_315 | POR | 4.5 | 449924.7 | 4819579.1 | 970 | BT_21 | 3677 | 36.0 | 37.4 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_316 | POR | 4.5 | 449927 | 4820832 | 1578 | BT_20 | 4923 | 31.0 | 32.5 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_317 | POR | 4.5 | 449991.2 | 4820924.7 | 1670 | BT_20 | 5021 | 30.2 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_318 | POR | 4.5 | 450004.7 | 4811883.2 | 775 | BT_40 | 4082 | 37.2 | 38.6 | 38.6 | 38.6 | 38.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_319 | POR | 4.5 | 450086.1 | 4817494.7 | 828 | BT_23 | 1681 | 38.7 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_320 | POR | 4.5 | 450179 | 4809330.5 | 1592 | BT_31 | 6638 | 27.4 | 29.0 | 29.1 | 29.1 | 29.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_321 | POR | 4.5 | 450192.1 | 4817377.1 | 745 | BT_34 | 1616 | 38.9 | 40.2 | 40.2 | 40.2 | 40.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_322 | POR | 4.5 | 450194.7 | 4820836.3 | 1835 | BT_20 | 4959 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_323 | POR | 4.5 | 450230.3 | 4810099.7 | 845 | BT_31 | 5880 | 33.1 | 34.6 | 34.6 | 34.6 | 34.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_324 | POR | 4.5 | 450246.5 | 4809056.1 | 1847 | BT_31 | 6918 | 25.9 | 27.6 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_325 | POR | 4.5 | 450255.6 | 4809563 | 1348 | BT_31 | 6415 | 28.8 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_326 | POR | 4.5 | 450268.3 | 4809635.9 | 1275 | BT_31 | 6345 | 29.3 | 30.8 | 30.9 | 30.9 | 30.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_327 | POR | 4.5 | 450273.1 | 4808343.7 | 2548 | BT_31 | 7629 | 22.5 | 24.2 | 24.2 | 24.2 | 24.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_328 | POR | 4.5 | 450274.6 | 4815091 | 736 | BT_39 | 1162 | 38.8 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_329 | POR | 4.5 | 450280.9 | 4808371.3 | 2520 | BT_31 | 7602 | 22.6 | 24.3 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_330 | POR | 4.5 | 450315.9 | 4814708.3 | 879 | BT_28 | 1485 | 38.3 | 39.5 | 39.6 | 39.6 | 39.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_331 | POR | 4.5 | 450329 | 4808377 | 2509 | BT_31 | 7602 | 22.6 | 24.3 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_332 | POR | 4.5 | 450339.3 | 4808339.3 | 2546 | BT_31 | 7640 | 22.4 | 24.1 | 24.2 | 24.2 | 24.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_333 | POR | 4.5 | 450398.5 | 4809278.8 | 1605 | BT_31 | 6716 | 27.0 | 28.6 | 28.6 | 28.6 | 28.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_334 | POR | 4.5 | 450434.8 | 4820568 | 1564 | BT_32 | 4737 | 31.0 | 32.5 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_335 | POR | 4.5 | 450437.8 | 4814927.8 | 954 | BT_39 | 1392 | 37.8 | 39.0 | 39.0 | 39.0 | 39.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_336 | POR | 4.5 | 450518.7 | 4808592.6 | 2283 | BT_31 | 7412 | 23.0 | 24.6 | 24.7 | 24.7 | 24.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_337 | POR | 4.5 | 450554.6 | 4816001.9 | 860 | BT_41 | 1085 | 38.6 | 39.6 | 39.7 | 39.7 | 39.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_338 | POR | 4.5 | 450560.6 | 4816114.3 | 756 | BT_41 | 1105 | 38.8 | 39.8 | 39.9 | 39.9 | 39.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_339 | POR | 4.5 | 450563.4 | 4816091.6 | 775 | BT_41 | 1104 | 38.7 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_340 | POR | 4.5 | 450672.9 | 4820727.6 | 1696 | BT_32 | 4945 | 30.1 | 31.5 | 31.6 | 31.6 | 31.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_341 | POR | 4.5 | 450760.9 | 4820723 | 1690 | BT_32 | 4963 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_342 | POR | 4.5 | 450780.5 | 4820696.4 | 1664 | BT_32 | 4943 | 30.1 | 31.5 | 31.6 | 31.6 | 31.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_343 | POR | 4.5 | 450883.2 | 4820494.5 | 1454 | BT_33 | 4778 | 31.0 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_344 | POR | 4.5 | 450914.4 | 4820395.8 | 1351 | BT_33 | 4693 | 31.5 | 32.9 | 33.0 | 33.0 | 33.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_345 | POR | 4.5 | 450952.6 | 4820637.4 | 1580 | BT_33 | 4935 | 30.2 | 31.6 | 31.7 | 31.7 | 31.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_346 | POR | 4.5 | 450985.4 | 4820678.4 | 1615 | BT_33 | 4984 | 29.9 | 31.3 | 31.4 | 31.4 | 31.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_347 | POR | 4.5 | 450997.7 | 4818207.5 | 830 | BT_34 | 2741 | 37.5 | 38.9 | 38.9 | 38.9 | 38.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_348 | POR | 4.5 | 451223.8 | 4820356.3 | 1276 | BT_33 | 4760 | 31.3 | 32.7 | 32.8 | 32.8 | 32.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_349 | POR | 4.5 | 451227.1 | 4820384.5 | 1305 | BT_33 | 4788 | 31.1 | 32.5 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_350 | POR | 4.5 | 451240.5 | 4820512.5 | 1433 | BT_33 | 4912 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_351 | POR | 4.5 | 451409.1 | 4820396.5 | 1330 | BT_33 | 4868 | 30.6 | 32.0 | 32.1 | 32.1 | 32.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_352 | POR | 4.5 | 451436.5 | 4820439.4 | 1377 | BT_33 | 4919 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_353 | POR | 4.5 | 451468.2 | 4820403.3 | 1347 | BT_33 | 4898 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_354 | POR | 4.5 | 451510.6 | 4816988.2 | 626 | BT_41 | 2297 | 38.6 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_355 | POR | 4.5 | 451530.2 | 4816962.6 | 637 | BT_41 | 2303 | 38.4 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_356 | POR | 4.5 | 451584 | 4820134.1 | 1115 | BT_33 | 4705 | 31.8 | 33.2 | 33.3 | 33.3 | 33.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_357 | POR | 4.5 | 451607.6 | 4820208.7 | 1194 | BT_33 | 4782 | 31.2 | 32.6 | 32.7 | 32.7 | 32.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_358 | POR | 4.5 | 451636.2 | 4820151.1 | 1149 | BT_33 | 4744 | 31.5 | 32.9 | 33.0 | 33.0 | 33.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_359 | POR | 4.5 | 451641.6 | 4820329.5 | 1319 | BT_33 | 4905 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_360 | POR | 4.5 | 451693.6 | 4820295.7 | 1305 | BT_33 | 4898 | 30.5 | 31.9 | 32.0 | 32.0 | 32.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_361 | POR | 4.5 | 451703.5 | 4820251.7 | 1268 | BT_33 | 4864 | 30.7 | 32.1 | 32.2 | 32.2 | 32.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_362 | POR | 4.5 | 451735.3 | 4820234.2 | 1264 | BT_33 | 4863 | 30.7 | 32.1 | 32.2 | 32.2 | 32.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_363 | POR | 4.5 | 451739.3 | 4820280.6 | 1309 | BT_33 | 4906 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_364 | POR | 4.5 | 451765.1 | 4820270.3 | 1310 | BT_33 | 4909 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_365 | POR | 4.5 | 451765.4 | 4820231 | 1274 | BT_33 | 4874 | 30.6 | 32.0 | 32.1 | 32.1 | 32.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_366 | POR | 4.5 | 451785.7 | 4820221.9 | 1275 | BT_33 | 4876 | 30.6 | 32.0 | 32.1 | 32.1 | 32.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_367 | POR | 4.5 | 451797.6 | 4820257.2 | 1312 | BT_33 | 4913 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_368 | POR | 4.5 | 451812.3 | 4820175.1 | 1245 | BT_33 | 4847 | 30.7 | 32.1 | 32.2 | 32.2 | 32.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_369 | POR | 4.5 | 451814.1 | 4820151.6 | 1226 | BT_33 | 4828 | 30.8 | 32.2 | 32.3 | 32.3 | 32.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_370 | POR | 4.5 | 451816.6 | 4820125.1 | 1204 | BT_33 | 4806 | 31.0 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_371 | POR | 4.5 | 451822.2 | 4820097.3 | 1183 | BT_33 | 4784 | 31.1 | 32.5 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_372 | POR | 4.5 | 451827.8 | 4820287.4 | 1352 | BT_33 | 4953 | 30.1 | 31.5 | 31.6 | 31.6 | 31.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_373 | POR | 4.5 | 451831.7 | 4819967.1 | 1078 | BT_33 | 4676 | 31.8 | 33.2 | 33.3 | 33.3 | 33.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_374 | POR | 4.5 | 451833.7 | 4820303.7 | 1369 | BT_33 | 4971 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_375 | POR | 4.5 | 451838.5 | 4820319.1 | 1385 | BT_33 | 4986 | 29.9 | 31.3 | 31.4 | 31.4 | 31.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_376 | POR | 4.5 | 451844.8 | 4820375.9 | 1439 | BT_33 | 5039 | 29.1 | 30.6 | 30.7 | 30.7 | 30.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_377 | POR | 4.5 | 451847.6 | 4820341 | 1409 | BT_33 | 5010 | 29.3 | 30.8 | 30.9 | 30.9 | 30.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_378 | POR | 4.5 | 451851.6 | 4820192.9 | 1280 | BT_33 | 4882 | 30.5 | 31.9 | 32.0 | 32.0 | 32.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_380 | POR | 4.5 | 451870.6 | 4820189.4 | 1287 | BT_33 | 4888 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_379 | POR | 4.5 | 451870.6 | 4820238.2 | 1329 | BT_33 | 4931 | 30.2 | 31.6 | 31.7 | 31.7 | 31.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_381 | POR | 4.5 | 451877 | 4820298.5 | 1385 | BT_33 | 4987 | 29.9 | 31.3 | 31.4 | 31.4 | 31.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_382 | POR | 4.5 | 451879.6 | 4818507.7 | 874 | BT_33 | 3527 | 34.5 | 35.9 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_383 | POR | 4.5 | 451886.1 | 4820340.2 | 1426 | BT_33 | 5028 | 29.1 | 30.7 | 30.8 | 30.8 | 30.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_384 | POR | 4.5 | 451889.3 | 4820088.2 | 1211 | BT_33 | 4810 | 30.9 | 32.3 | 32.4 | 32.4 | 32.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_385 | POR | 4.5 | 451894.4 | 4820179 | 1290 | BT_33 | 4891 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_386 | POR | 4.5 | 451897.1 | 4819221.4 | 693 | BT_33 | 4088 | 35.4 | 36.8 | 36.9 | 36.9 | 36.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_387 | POR | 4.5 | 451907.9 | 4820381 | 1472 | BT_33 | 5074 | 28.8 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_388 | POR | 4.5 | 451922.2 | 4820169.9 | 1297 | BT_33 | 4897 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_389 | POR | 4.5 | 451939.3 | 4820277.9 | 1398 | BT_33 | 4999 | 29.7 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_390 | POR | 4.5 | 451948.8 | 4820208.4 | 1344 | BT_33 | 4944 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_391 | POR | 4.5 | 451961.5 | 4820314 | 1440 | BT_33 | 5042 | 29.0 | 30.5 | 30.6 | 30.6 | 30.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_392 | POR | 4.5 | 451964.3 | 4820158.8 | 1311 | BT_33 | 4909 | 30.2 | 31.6 | 31.7 | 31.7 | 31.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_393 | POR | 4.5 | 451996.8 | 4820199.7 | 1363 | BT_33 | 4960 | 29.9 | 31.3 | 31.4 | 31.4 | 31.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_394 | POR | 4.5 | 451997.6 | 4820142.1 | 1317 | BT_33 | 4911 | 30.2 | 31.6 | 31.7 | 31.7 | 31.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_395 | POR | 4.5 | 452035.7 | 4820238.2 | 1417 | BT_33 | 5013 | 29.0 | 30.6 | 30.7 | 30.7 | 30.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_396 | POR | 4.5 | 452044.1 | 4820112.4 | 1322 | BT_33 | 4910 | 30.1 | 31.5 | 31.6 | 31.6 | 31.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_397 | POR | 4.5 | 452051.2 | 4820174.1 | 1375 | BT_33 | 4966 | 29.8 | 31.2 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_398 | POR | 4.5 | 452061.3 | 4812364 | 2030 | BT_30 | 4407 | 29.5 | 30.9 | 31.0 | 31.0 | 31.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_399 | POR | 4.5 | 452061.9 | 4820229 | 1425 | BT_33 | 5019 | 29.0 | 30.5 | 30.6 | 30.6 | 30.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_400 | POR | 4.5 | 452076.1 | 4820169.3 | 1386 | BT_33 | 4975 | 29.7 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_401 | POR | 4.5 | 452087.3 | 4820098.9 | 1339 | BT_33 | 4921 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_402 | POR | 4.5 | 452093.7 | 4820217.5 | 1435 | BT_33 | 5026 | 28.9 | 30.5 | 30.6 | 30.6 | 30.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_403 | POR | 4.5 | 452114.3 | 4820183.8 | 1421 | BT_33 | 5008 | 29.0 | 30.5 | 30.6 | 30.6 | 30.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_404 | POR | 4.5 | 452117.9 | 4820056.4 | 1327 | BT_33 | 4902 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_405 | POR | 4.5 | 452128.2 | 4818421.2 | 1123 | BT_33 | 3642 | 32.8 | 34.2 | 34.3 | 34.3 | 34.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_406 | POR | 4.5 | 452134.1 | 4820090.5 | 1363 | BT_33 | 4939 | 29.8 | 31.2 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_407 | POR | 4.5 | 452154.4 | 4820145.7 | 1418 | BT_33 | 4997 | 29.5 | 30.9 | 31.0 | 31.0 | 31.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_408 | POR | 4.5 | 452158.4 | 4820211.6 | 1471 | BT_33 | 5055 | 28.7 | 30.2 | 30.3 | 30.3 | 30.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_409 | POR | 4.5 | 452169.5 | 4818064.9 | 1391 | BT_33 | 3440 | 32.6 | 33.9 | 34.0 | 34.0 | 34.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_410 | POR | 4.5 | 452173 | 4816186 | 693 | BT_35 | 2714 | 37.2 | 38.6 | 38.6 | 38.6 | 38.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_411 | POR | 4.5 | 452178.4 | 4817945.7 | 1364 | BT_34 | 3375 | 32.6 | 34.0 | 34.1 | 34.1 | 34.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_412 | POR | 4.5 | 452188.9 | 4817337.8 | 1253 | BT_34 | 3060 | 33.3 | 34.7 | 34.8 | 34.8 | 34.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_413 | POR | 4.5 | 452194.1 | 4817966.9 | 1387 | BT_34 | 3400 | 32.5 | 33.9 | 34.0 | 34.0 | 34.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_414 | POR | 4.5 | 452210.8 | 4812207.8 | 2116 | BT_31 | 4622 | 28.8 | 30.2 | 30.3 | 30.3 | 30.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_415 | POR | 4.5 | 452223.4 | 4818521.1 | 1149 | BT_33 | 3780 | 32.4 | 33.7 | 33.8 | 33.8 | 33.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_416 | POR | 4.5 | 452231.2 | 4816587.5 | 1042 | BT_35 | 2837 | 34.9 | 36.2 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_417 | POR | 4.5 | 452256.9 | 4821062.8 | 2238 | BT_33 | 5840 | 24.8 | 26.5 | 26.7 | 26.7 | 26.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_418 | POR | 4.5 | 452350.6 | 4816784.8 | 1273 | BT_35 | 3003 | 33.8 | 35.1 | 35.2 | 35.2 | 35.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_419 | POR | 4.5 | 452362.4 | 4814564.5 | 1017 | BT_36 | 3197 | 33.9 | 35.2 | 35.3 | 35.3 | 35.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_420 | POR | 4.5 | 452409.9 | 4817373.7 | 1473 | BT_34 | 3274 | 32.3 | 33.7 | 33.8 | 33.8 | 33.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_421 | POR | 4.5 | 452416.8 | 4820056 | 1545 | BT_33 | 5069 | 28.1 | 29.7 | 29.8 | 29.8 | 29.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_422 | POR | 4.5 | 452455.6 | 4816598.3 | 1186 | BT_35 | 3058 | 34.0 | 35.4 | 35.4 | 35.4 | 35.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_423 | POR | 4.5 | 452467.6 | 4815222.4 | 729 | BT_36 | 3079 | 37.0 | 38.4 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_424 | POR | 4.5 | 452471.3 | 4814580 | 1074 | BT_36 | 3290 | 33.6 | 35.0 | 35.1 | 35.1 | 35.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_425 | POR | 4.5 | 452480.7 | 4817018.5 | 1540 | BT_35 | 3200 | 32.7 | 34.1 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_426 | POR | 4.5 | 452511.9 | 4815782.5 | 804 | BT_37 | 3044 | 37.1 | 38.5 | 38.5 | 38.5 | 38.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_427 | POR | 4.5 | 452536.4 | 4813655.3 | 1894 | BT_36 | 3817 | 30.0 | 31.4 | 31.5 | 31.5 | 31.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_428 | POR | 4.5 | 452596.4 | 4816249.1 | 956 | BT_37 | 3141 | 35.1 | 36.4 | 36.5 | 36.5 | 36.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_429 | POR | 4.5 | 452629.6 | 4814974.4 | 910 | BT_37 | 3300 | 35.3 | 36.7 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_430 | POR | 4.5 | 452649.3 | 4819855.7 | 1627 | BT_33 | 5050 | 27.7 | 29.3 | 29.4 | 29.4 | 29.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_431 | POR | 4.5 | 452651.9 | 4815005.4 | 872 | BT_37 | 3312 | 35.4 | 36.8 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_432 | POR | 4.5 | 452658.3 | 4814985.7 | 881 | BT_37 | 3324 | 35.3 | 36.7 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_433 | POR | 4.5 | 452659 | 4814988.1 | 879 | BT_37 | 3324 | 35.3 | 36.7 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_434 | POR | 4.5 | 452711.5 | 4814027.1 | 1657 | BT_36 | 3758 | 30.6 | 32.0 | 32.1 | 32.1 | 32.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_435 | POR | 4.5 | 452715.6 | 4819982.4 | 1748 | BT_33 | 5191 | 27.1 | 28.7 | 28.8 | 28.8 | 28.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_436 | POR | 4.5 | 452719.9 | 4814614.3 | 1137 | BT_37 | 3505 | 33.2 | 34.5 | 34.6 | 34.6 | 34.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_437 | POR | 4.5 | 452773.3 | 4813014.6 | 2576 | BT_36 | 4405 | 28.1 | 29.5 | 29.7 | 29.7 | 29.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_438 | POR | 4.5 | 452790.3 | 4813723 | 1940 | BT_37 | 3986 | 29.6 | 31.0 | 31.1 | 31.1 | 31.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_439 | POR | 4.5 | 452861.2 | 4819809.8 | 1797 | BT_33 | 5152 | 26.9 | 28.5 | 28.6 | 28.6 | 28.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_440 | POR | 4.5 | 452868.9 | 4813286.9 | 2348 | BT_37 | 4305 | 28.4 | 29.8 | 29.9 | 29.9 | 29.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_441 | POR | 4.5 | 452907.3 | 4811683.4 | 2476 | BT_31 | 5463 | 25.0 | 26.7 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_442 | POR | 4.5 | 452913.6 | 4812768.1 | 2838 | BT_29 | 4674 | 27.3 | 28.7 | 28.8 | 28.8 | 28.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_443 | POR | 4.5 | 452952.4 | 4812307.2 | 2782 | BT_31 | 5024 | 25.6 | 27.4 | 27.5 | 27.5 | 27.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_444 | POR | 4.5 | 452974.8 | 4819923.3 | 1948 | BT_33 | 5312 | 26.2 | 27.8 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_445 | POR | 4.5 | 453003.1 | 4812413.5 | 2881 | BT_31 | 4984 | 26.6 | 28.1 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_446 | POR | 4.5 | 453039.9 | 4810916.3 | 2473 | BT_31 | 6154 | 23.3 | 25.1 | 25.2 | 25.2 | 25.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_447 | POR | 4.5 | 453064.3 | 4811798.2 | 2662 | BT_31 | 5476 | 24.7 | 26.4 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_448 | POR | 4.5 | 453081.2 | 4810614.3 | 2528 | BT_31 | 6426 | 22.6 | 24.4 | 24.5 | 24.5 | 24.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_449 | POR | 4.5 | 453111.2 | 4810005.1 | 2689 | BT_31 | 6954 | 20.9 | 22.6 | 22.8 | 22.8 | 22.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_450 | POR | 4.5 | 453147.7 | 4809659.3 | 2853 | BT_31 | 7269 | 19.8 | 21.6 | 21.7 | 21.7 | 21.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_451 | POR | 4.5 | 453190.9 | 4811419.6 | 2680 | BT_31 | 5846 | 23.6 | 25.4 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_452 | POR | 4.5 | 453228.5 | 4809336.7 | 3074 | BT_31 | 7589 | 19.0 | 20.8 | 21.0 | 21.0 | 21.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_453 | POR | 4.5 | 453249.1 | 4810969 | 2684 | BT_31 | 6236 | 22.8 | 24.5 | 24.7 | 24.7 | 24.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_454 | POR | 4.5 | 453319.4 | 4810593 | 2767 | BT_31 | 6580 | 21.0 | 22.7 | 22.9 | 22.9 | 22.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_455 | POR | 4.5 | 453367.1 | 4810169.3 | 2888 | BT_31 | 6954 | 20.3 | 22.1 | 22.3 | 22.3 | 22.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_456 | POR | 4.5 | 453377.8 | 4819552.2 | 2210 | BT_33 | 5327 | 25.1 | 26.8 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_457 | POR | 4.5 | 453424.5 | 4809356.5 | 3236 | BT_31 | 7671 | 17.9 | 19.7 | 19.8 | 19.8 | 19.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_458 | POR | 4.5 | 453437.5 | 4809717.6 | 3095 | BT_31 | 7371 | 19.1 | 20.8 | 21.0 | 21.0 | 21.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_459 | POR | 4.5 | 453482.2 | 4819703.1 | 2347 | BT_33 | 5506 | 24.5 | 26.2 | 26.4 | 26.4 | 26.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_460 | POR | 4.5 | 453491.5 | 4808953.5 | 3499 | BT_31 | 8052 | 16.1 | 17.9 | 18.0 | 18.0 | 18.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_461 | POR | 4.5 | 453571.4 | 4812776.7 | 2833 | BT_37 | 5172 | 24.7 | 26.5 | 26.7 | 26.7 | 26.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_462 | POR | 4.5 | 453696.4 | 4812382.1 | 3239 | BT_37 | 5517 | 23.4 | 25.2 | 25.3 | 25.3 | 25.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_463 | POR | 4.5 | 453739.6 | 4821170.8 | 3275 | BT_33 | 6759 | 14.0 | 15.8 | 16.0 | 16.0 | 16.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_464 | POR | 4.5 | 453779.4 | 4819623.9 | 2618 | BT_33 | 5675 | 23.5 | 25.3 | 25.4 | 25.4 | 25.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_465 | POR | 4.5 | 453856.3 | 4820541.5 | 3015 | BT_33 | 6363 | 16.3 | 18.1 | 18.3 | 18.3 | 18.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_466 | POR | 4.5 | 453992.7 | 4818443.8 | 2846 | BT_33 | 5173 | 24.5 | 26.2 | 26.4 | 26.4 | 26.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_467 | POR | 4.5 | 454177.7 | 4820831.7 | 3438 | BT_33 | 6795 | 17.9 | 19.7 | 19.8 | 19.8 | 19.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_468 | POR | 4.5 | 454202.1 | 4816341.8 | 1175 | BT_37 | 4748 | 29.7 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_469 | POR | 4.5 | 454222.8 | 4812704.6 | 3037 | BT_37 | 5743 | 22.4 | 24.2 | 24.4 | 24.4 | 24.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_470 | POR | 4.5 | 454226.1 | 4819326.1 | 3017 | BT_33 | 5843 | 18.4 | 20.3 | 20.4 | 20.4 | 20.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_471 | POR | 4.5 | 454275.9 | 4814460.1 | 1501 | BT_37 | 5024 | 27.1 | 28.7 | 28.8 | 28.8 | 28.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_472 | POR | 4.5 | 454317.3 | 4814801 | 1296 | BT_37 | 4976 | 28.7 | 30.1 | 30.2 | 30.2 | 30.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_473 | POR | 4.5 | 454328.2 | 4812455.4 | 3306 | BT_37 | 5972 | 21.5 | 23.4 | 23.5 | 23.5 | 23.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_474 | POR | 4.5 | 454381.7 | 4820756.5 | 3580 | BT_33 | 6885 | 17.4 | 19.3 | 19.4 | 19.4 | 19.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_475 | POR | 4.5 | 454391 | 4816368.6 | 1342 | BT_37 | 4939 | 28.5 | 29.8 | 29.9 | 29.9 | 29.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_476 | POR | 4.5 | 454392.7 | 4816105 | 1211 | BT_37 | 4924 | 29.3 | 30.6 | 30.7 | 30.7 | 30.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_477 | POR | 4.5 | 454554.8 | 4812807.9 | 3060 | BT_37 | 5966 | 21.3 | 23.1 | 23.2 | 23.2 | 23.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_478 | POR | 4.5 | 454602.9 | 4811464.6 | 4079 | BT_31 | 6803 | 18.3 | 20.1 | 20.3 | 20.3 | 20.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_479 | POR | 4.5 | 454642.1 | 4812511.9 | 3366 | BT_37 | 6198 | 19.9 | 21.8 | 21.9 | 21.9 | 21.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_480 | POR | 4.5 | 454651 | 4819312.5 | 3440 | BT_33 | 6186 | 20.8 | 22.7 | 22.8 | 22.8 | 22.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_481 | POR | 4.5 | 454867.6 | 4819398.3 | 3662 | BT_33 | 6414 | 19.8 | 21.6 | 21.8 | 21.8 | 21.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_482 | POR | 4.5 | 455060.1 | 4818575.4 | 3463 | BT_37 | 6183 | 20.8 | 22.6 | 22.8 | 22.8 | 22.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_483 | POR | 4.5 | 455132.8 | 4818599.7 | 3522 | BT_37 | 6259 | 20.6 | 22.4 | 22.6 | 22.6 | 22.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_484 | POR | 4.5 | 455134.1 | 4818597.1 | 3520 | BT_37 | 6259 | 20.6 | 22.4 | 22.6 | 22.6 | 22.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_485 | POR | 4.5 | 455138.8 | 4816880.5 | 2248 | BT_37 | 5746 | 23.0 | 24.7 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_486 | POR | 4.5 | 455273.5 | 4812629.7 | 3566 | BT_37 | 6675 | 17.1 | 19.0 | 19.1 | 19.1 | 19.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_487 | POR | 4.5 | 455327.4 | 4816173.1 | 2114 | BT_37 | 5861 | 22.8 | 24.4 | 24.6 | 24.6 | 24.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_488 | POR | 4.5 | 455348.8 | 4818945.4 | 3929 | BT_37 | 6606 | 19.2 | 21.1 | 21.2 | 21.2 | 21.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_489 | POR | 4.5 | 455425.5 | 4815703.4 | 2134 | BT_37 | 5958 | 22.6 | 24.2 | 24.4 | 24.4 | 24.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_490 | POR | 4.5 | 455427.3 | 4818739.1 | 3799 | BT_37 | 6585 | 19.7 | 21.6 | 21.8 | 21.8 | 21.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_491 | POR | 4.5 | 455434.8 | 4819093 | 4100 | BT_37 | 6750 | 17.6 | 19.4 | 19.6 | 19.6 | 19.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_492 | POR | 4.5 | 455559.8 | 4814686.8 | 2441 | BT_37 | 6214 | 20.6 | 22.3 | 22.4 | 22.4 | 22.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_493 | POR | 4.5 | 455564.3 | 4815423.1 | 2277 | BT_37 | 6114 | 21.6 | 23.3 | 23.4 | 23.4 | 23.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_495 | POR | 4.5 | 455585.7 | 4818890.7 | 4013 | BT_37 | 6793 | 17.4 | 19.3 | 19.5 | 19.5 | 19.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_494 | POR | 4.5 | 455585.7 | 4818897.8 | 4019 | BT_37 | 6796 | 17.4 | 19.3 | 19.4 | 19.4 | 19.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_496 | POR | 4.5 | 455652.6 | 4814994.2 | 2434 | BT_37 | 6252 | 20.6 | 22.3 | 22.4 | 22.4 | 22.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_497 | POR | 4.5 | 455832.4 | 4820049.3 | 4714 | BT_33 | 7578 | 10.7 | 12.6 | 12.8 | 12.8 | 12.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_498 | POR | 4.5 | 455888.7 | 4820492.6 | 4879 | BT_33 | 7874 | 10.3 | 12.2 | 12.4 | 12.4 | 12.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_499 | POR | 4.5 | 455996.4 | 4819342 | 4619 | BT_37 | 7363 | 13.8 | 15.7 | 15.9 | 15.9 | 15.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_500 | POR | 4.5 | 456081 | 4820126 | 4973 | BT_33 | 7829 | 10.1 | 12.0 | 12.2 | 12.2 | 12.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_501 | POR | 4.5 | 456114.5 | 4820371.5 | 5063 | BT_33 | 7991 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_502 | POR | 4.5 | 456142.6 | 4819335.9 | 4701 | BT_37 | 7490 | 13.5 | 15.4 | 15.6 | 15.6 | 15.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_503 | POR | 4.5 | 456147.4 | 4817042.1 | 3199 | BT_37 | 6768 | 17.8 | 19.6 | 19.7 | 19.7 | 19.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_504 | POR | 4.5 | 456170 | 4819350.3 | 4729 | BT_37 | 7521 | 13.4 | 15.3 | 15.5 | 15.5 | 15.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_505 | POR | 4.5 | 456174.1 | 4819156.7 | 4580 | BT_37 | 7439 | 13.6 | 15.6 | 15.7 | 15.7 | 15.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_506 | POR | 4.5 | 456179.2 | 4818529.5 | 4115 | BT_37 | 7194 | 14.4 | 16.3 | 16.4 | 16.4 | 16.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_507 | POR | 4.5 | 456185.8 | 4818054.5 | 3796 | BT_37 | 7042 | 13.4 | 15.2 | 15.4 | 15.4 | 15.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_508 | POR | 4.5 | 456186.8 | 4816995.2 | 3213 | BT_37 | 6799 | 17.7 | 19.5 | 19.7 | 19.7 | 19.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_509 | POR | 4.5 | 456199.2 | 4814938 | 2979 | BT_37 | 6801 | 18.5 | 20.2 | 20.4 | 20.4 | 20.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_510 | POR | 4.5 | 456240.7 | 4817615.7 | 3572 | BT_37 | 6976 | 15.6 | 17.4 | 17.6 | 17.6 | 17.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_511 | POR | 4.5 | 456250.9 | 4817594.9 | 3569 | BT_37 | 6981 | 15.6 | 17.4 | 17.6 | 17.6 | 17.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_512 | POR | 4.5 | 456262.6 | 4818499.2 | 4152 | BT_37 | 7261 | 12.3 | 14.2 | 14.3 | 14.3 | 14.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_513 | POR | 4.5 | 456266.1 | 4814946.1 | 3042 | BT_37 | 6866 | 18.2 | 20.0 | 20.1 | 20.1 | 20.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_514 | POR | 4.5 | 456285.9 | 4816754.8 | 3208 | BT_37 | 6864 | 17.7 | 19.5 | 19.6 | 19.6 | 19.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_515 | POR | 4.5 | 456348.9 | 4818427.2 | 4165 | BT_37 | 7317 | 12.3 | 14.1 | 14.3 | 14.3 | 14.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_516 | POR | 4.5 | 456349.8 | 4814846.3 | 3146 | BT_37 | 6963 | 17.9 | 19.7 | 19.8 | 19.8 | 19.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_517 | POR | 4.5 | 456378.4 | 4818470.2 | 4216 | BT_37 | 7359 | 12.1 | 14.0 | 14.1 | 14.1 | 14.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_518 | POR | 4.5 | 456408.6 | 4818439.1 | 4217 | BT_37 | 7377 | 12.1 | 14.0 | 14.1 | 14.1 | 14.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_519 | POR | 4.5 | 456412.6 | 4814857.9 | 3205 | BT_37 | 7024 | 17.7 | 19.5 | 19.6 | 19.6 | 19.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_520 | POR | 4.5 | 456436.5 | 4814808.1 | 3240 | BT_37 | 7055 | 17.6 | 19.4 | 19.5 | 19.5 | 19.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_521 | POR | 4.5 | 456437.5 | 4814808.2 | 3241 | BT_37 | 7056 | 17.6 | 19.4 | 19.5 | 19.5 | 19.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_522 | POR | 4.5 | 456441.6 | 4816352.1 | 3237 | BT_37 | 6983 | 17.6 | 19.3 | 19.5 | 19.5 | 19.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_523 | POR | 4.5 | 456507.9 | 4814854.4 | 3298 | BT_37 | 7118 | 17.4 | 19.2 | 19.3 | 19.3 | 19.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_524 | POR | 4.5 | 456510.2 | 4817142.5 | 3569 | BT_37 | 7142 | 14.2 | 15.9 | 16.1 | 16.1 | 16.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_525 | POR | 4.5 | 456537.3 | 4815975.9 | 3266 | BT_37 | 7066 | 17.4 | 19.2 | 19.4 | 19.4 | 19.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_526 | POR | 4.5 | 456552.2 | 4815114.3 | 3294 | BT_37 | 7128 | 17.4 | 19.2 | 19.3 | 19.3 | 19.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_527 | POR | 4.5 | 456583 | 4816393.4 | 3384 | BT_37 | 7127 | 17.1 | 18.9 | 19.1 | 19.1 | 19.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_528 | POR | 4.5 | 456584.5 | 4815586.3 | 3290 | BT_37 | 7121 | 17.4 | 19.2 | 19.3 | 19.3 | 19.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_529 | POR | 4.5 | 456591.5 | 4817593.5 | 3855 | BT_37 | 7312 | 13.2 | 15.0 | 15.2 | 15.2 | 15.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_530 | POR | 4.5 | 456620.6 | 4816802.9 | 3539 | BT_37 | 7202 | 14.3 | 16.0 | 16.2 | 16.2 | 16.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_531 | POR | 4.5 | 456679 | 4815973.2 | 3406 | BT_37 | 7208 | 16.0 | 17.8 | 18.0 | 18.0 | 18.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_532 | POR | 4.5 | 456683.4 | 4814973.5 | 3446 | BT_37 | 7275 | 15.9 | 17.7 | 17.9 | 17.9 | 17.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_533 | POR | 4.5 | 456713 | 4815597.9 | 3419 | BT_37 | 7249 | 16.0 | 17.8 | 18.0 | 18.0 | 18.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_534 | POR | 4.5 | 456735.7 | 4814347.5 | 3661 | BT_37 | 7435 | 13.9 | 15.6 | 15.8 | 15.8 | 15.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_535 | POR | 4.5 | 456755.8 | 4816010 | 3486 | BT_37 | 7285 | 14.5 | 16.2 | 16.4 | 16.4 | 16.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_536 | POR | 4.5 | 456770.4 | 4819158 | 4977 | BT_37 | 7981 | 10.1 | 12.0 | 12.2 | 12.2 | 12.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_537 | POR | 4.5 | 456877.7 | 4813581.6 | 4111 | BT_37 | 7770 | 12.4 | 14.3 | 14.4 | 14.4 | 14.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_538 | POR | 4.5 | 456892.5 | 4815192.3 | 3621 | BT_37 | 7458 | 14.0 | 15.8 | 15.9 | 15.9 | 15.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_539 | POR | 4.5 | 456919.8 | 4814349.8 | 3834 | BT_37 | 7614 | 13.3 | 15.1 | 15.3 | 15.3 | 15.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_540 | POR | 4.5 | 457044.5 | 4813991.2 | 4079 | BT_37 | 7817 | 12.5 | 14.4 | 14.5 | 14.5 | 14.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_541 | POR | 4.5 | 457416 | 4819278 | 5527 | BT_37 | 8621 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_542 | POR | 4.5 | 457416.7 | 4819274.3 | 5525 | BT_37 | 8620 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_543 | POR | 4.5 | 457579 | 4819294.1 | 5660 | BT_37 | 8778 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_544 | POR | 4.5 | 457602.4 | 4814958.7 | 4355 | BT_37 | 8189 | 11.7 | 13.6 | 13.8 | 13.8 | 13.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_POR_545 | POR | 4.5 | 457915.6 | 4820306.3 | 6599 | BT_37 | 9511 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_546 | POR | 4.5 | 457919.8 | 4820665.2 | 6863 | BT_37 | 9685 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_547 | POR | 4.5 | 458027 | 4819850.5 | 6364 | BT_37 | 9411 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_548 | POR | 4.5 | 458151.4 | 4817949.7 | 5398 | BT_37 | 8912 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_549 | POR | 4.5 | 458169.9 | 4820385.8 | 6835 | BT_37 | 9773 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|---|---|---|----|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_550 | POR | 4.5 | 458175.8 | 4817948.4 | 5419 | BT_37 | 8935 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_551 | POR | 4.5 | 458192.1 | 4818530.9 | 5710 | BT_37 | 9100 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_552 | POR | 4.5 | 458208.6 | 4818816.3 | 5876 | BT_37 | 9201 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_553 | POR | 4.5 | 458233.4 | 4817615.9 | 5336 | BT_37 | 8923 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_554 | POR | 4.5 | 458247.3 | 4819714.4 | 6442 | BT_37 | 9557 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_555 | POR | 4.5 | 458251.7 | 4818208.5 | 5604 | BT_37 | 9071 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_556 | POR | 4.5 | 458278.2 | 4817426.5 | 5310 | BT_37 | 8933 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_557 | POR | 4.5 | 458292.6 | 4817428.9 | 5324 | BT_37 | 8947 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_558 | POR | 4.5 | 458299.1 | 4817348.4 | 5303 | BT_37 | 8941 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_559 | POR | 4.5 | 458317.8 | 4817082.4 | 5239 | BT_37 | 8921 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_560 | POR | 4.5 | 458381.8 | 4818730.4 | 5976 | BT_37 | 9340 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_561 | POR | 4.5 | 458395.7 | 4819673.8 | 6531 | BT_37 | 9678 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_562 | POR | 4.5 | 458396.8 | 4816643.9 | 5209 | BT_37 | 8954 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_563 | POR | 4.5 | 458399.3 | 4817078.3 | 5316 | BT_37 | 9001 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_564 | POR | 4.5 | 458399.6 | 4818371.2 | 5811 | BT_37 | 9256 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_565 | POR | 4.5 | 458437.9 | 4818736 | 6027 | BT_37 | 9395 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_566 | POR | 4.5 | 458462.6 | 4816682.4 | 5282 | BT_37 | 9023 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_567 | POR | 4.5 | 458522.2 | 4816241.2 | 5268 | BT_37 | 9056 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_568 | POR | 4.5 | 458528.8 | 4819525.9 | 6546 | BT_37 | 9745 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_569 | POR | 4.5 | 458544.5 | 4817960.3 | 5758 | BT_37 | 9297 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_570 | POR | 4.5 | 458567.9 | 4815526.6 | 5274 | BT_37 | 9105 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_571 | POR | 4.5 | 458645.2 | 4815008.1 | 5383 | BT_37 | 9220 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_572 | POR | 4.5 | 458648.9 | 4817654.8 | 5737 | BT_37 | 9338 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_573 | POR | 4.5 | 458681.5 | 4819415.7 | 6604 | BT_37 | 9847 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_574 | POR | 4.5 | 458705.4 | 4816291.7 | 5456 | BT_37 | 9241 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_575 | POR | 4.5 | 458724.9 | 4819420.9 | 6643 | BT_37 | 9890 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_576 | POR | 4.5 | 458743.8 | 4817117 | 5658 | BT_37 | 9348 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_577 | POR | 4.5 | 458749.1 | 4814598.7 | 5546 | BT_37 | 9373 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_578 | POR | 4.5 | 458753.1 | 4819439.1 | 6676 | BT_37 | 9923 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_579 | POR | 4.5 | 458755.6 | 4814223.5 | 5631 | BT_37 | 9440 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_580 | POR | 4.5 | 458764.4 | 4817104.1 | 5674 | BT_37 | 9367 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_581 | POR | 4.5 | 458772.9 | 4816692 | 5587 | BT_37 | 9333 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_582 | POR | 4.5 | 458784 | 4815871.8 | 5497 | BT_37 | 9313 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_583 | POR | 4.5 | 458803.2 | 4819421.9 | 6707 | BT_37 | 9964 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_584 | POR | 4.5 | 458805.7 | 4817131.9 | 5722 | BT_37 | 9411 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_585 | POR | 4.5 | 458814.7 | 4815517.7 | 5521 | BT_37 | 9352 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_586 | POR | 4.5 | 458818.2 | 4814264.2 | 5683 | BT_37 | 9494 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|---|---|---|----|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_587 | POR | 4.5 | 458854 | 4813837.7 | 5831 | BT_37 | 9613 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_588 | POR | 4.5 | 458865.7 | 4819471.5 | 6787 | BT_37 | 10040 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_589 | POR | 4.5 | 458975.2 | 4815040.4 | 5708 | BT_37 | 9545 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_590 | POR | 4.5 | 459025.3 | 4814735.8 | 5795 | BT_37 | 9628 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_591 | POR | 4.5 | 459084.8 | 4814055.9 | 5992 | BT_37 | 9794 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_592 | POR | 4.5 | 459105.3 | 4813887 | 6057 | BT_37 | 9848 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_593 | POR | 4.5 | 459151.2 | 4819516 | 7048 | BT_37 | 10323 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_594 | POR | 4.5 | 459157.7 | 4813803 | 6132 | BT_37 | 9917 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_595 | POR | 4.5 | 459484.1 | 4819433 | 7283 | BT_37 | 10608 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_596 | POR | 4.5 | 459564.4 | 4817481.1 | 6548 | BT_37 | 10211 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_597 | POR | 4.5 | 459794.7 | 4819502.2 | 7584 | BT_37 | 10924 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_598 | POR | 4.5 | 459993.9 | 4819740.6 | 7878 | BT_37 | 11191 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_599 | POR | 4.5 | 460006.2 | 4819722 | 7879 | BT_37 | 11196 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_600 | POR | 4.5 | 460028.1 | 4820671.5 | 8433 | BT_37 | 11572 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_601 | POR | 4.5 | 460079.3 | 4819646.5 | 7902 | BT_37 | 11240 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_602 | POR | 4.5 | 460101.7 | 4818589.1 | 7437 | BT_37 | 10958 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_603 | POR | 4.5 | 460157.9 | 4818139.1 | 7320 | BT_37 | 10912 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_604 | POR | 4.5 | 460164.2 | 4819678.7 | 7992 | BT_37 | 11331 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_605 | POR | 4.5 | 460164.6 | 4819635.8 | 7970 | BT_37 | 11317 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_606 | POR | 4.5 | 460178.1 | 4819656.5 | 7992 | BT_37 | 11337 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_607 | POR | 4.5 | 460198.9 | 4817743.2 | 7231 | BT_37 | 10880 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_608 | POR | 4.5 | 460373.9 | 4815388.8 | 7083 | BT_37 | 10916 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_609 | POR | 4.5 | 460554.2 | 4816675 | 7340 | BT_37 | 11108 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_610 | POR | 4.5 | 460561.9 | 4818638.1 | 7879 | BT_37 | 11416 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_611 | POR | 4.5 | 460566.6 | 4819917.3 | 8460 | BT_37 | 11790 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_612 | POR | 4.5 | 460639.9 | 4817409.9 | 7567 | BT_37 | 11266 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_613 | POR | 4.5 | 460658.7 | 4815723.8 | 7366 | BT_37 | 11189 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_614 | POR | 4.5 | 460665.6 | 4816195.6 | 7396 | BT_37 | 11197 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_615 | POR | 4.5 | 460688 | 4816980.6 | 7523 | BT_37 | 11266 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_616 | POR | 4.5 | 460852.2 | 4815770.2 | 7560 | BT_37 | 11382 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_617 | POR | 4.5 | 460857.9 | 4816178.2 | 7586 | BT_37 | 11389 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_618 | POR | 4.5 | 460892.4 | 4814428.1 | 7688 | BT_37 | 11519 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_619 | POR | 4.5 | 460893.4 | 4814463.7 | 7683 | BT_37 | 11516 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_620 | POR | 4.5 | 460920.1 | 4814472.6 | 7708 | BT_37 | 11541 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_621 | POR | 4.5 | 460939.6 | 4816605.6 | 7712 | BT_37 | 11488 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_622 | POR | 4.5 | 460956.8 | 4814900.1 | 7694 | BT_37 | 11531 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_623 | POR | 4.5 | 460962.2 | 4814942.3 | 7696 | BT_37 | 11533 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_POR_624 | POR | 4.5 | 460973.6 | 4814741.5 | 7727 | BT_37 | 11563 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_POR_625 | POR | 4.5 | 461053.9 | 4815512.4 | 7760 | BT_37 | 11590 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_PR_1 | PR | 4.5 | 444128.3 | 4818640 | 2378 | BT_1 | 5991 | 27.3 | 28.9 | 29.1 | 29.1 | 29.1 | - | - | - | - | - | - |
| B_PR_2 | PR | 4.5 | 444153.1 | 4818634 | 2362 | BT_1 | 5966 | 27.4 | 29.0 | 29.2 | 29.2 | 29.2 | - | - | - | - | - | - |
| B_PR_3 | PR | 4.5 | 445586.1 | 4820649.6 | 648 | BT_7 | 6113 | 35.7 | 37.1 | 37.2 | 37.2 | 37.2 | - | - | - | - | - | - |
| B_PR_4 | PR | 4.5 | 445746 | 4820274.3 | 727 | BT_7 | 5723 | 36.2 | 37.6 | 37.7 | 37.7 | 37.7 | - | - | - | - | - | - |
| B_PR_5 | PR | 4.5 | 445755.4 | 4819507.5 | 824 | BT_9 | 5158 | 36.2 | 37.6 | 37.7 | 37.7 | 37.7 | - | - | - | - | - | - |
| B_PR_6 | PR | 4.5 | 445796.6 | 4816599.2 | 539 | BT_1 | 3735 | 39.6 | 41.1 | 41.1 | 41.1 | 41.1 | - | - | - | - | - | - |
| B_PR_7 | PR | 4.5 | 445851.1 | 4819063.4 | 637 | BT_9 | 4788 | 37.6 | 39.0 | 39.1 | 39.1 | 39.1 | - | - | - | - | - | - |
| B_PR_8 | PR | 4.5 | 445924.2 | 4818221.1 | 789 | BT_10 | 4223 | 36.4 | 37.8 | 37.9 | 37.9 | 37.9 | - | - | - | - | - | - |
| B_PR_9 | PR | 4.5 | 445940.5 | 4818630.7 | 655 | BT_10 | 4445 | 37.9 | 39.3 | 39.3 | 39.3 | 39.3 | - | - | - | - | - | - |
| B_PR_10 | PR | 4.5 | 446046.3 | 4817447.5 | 802 | BT_11 | 3746 | 36.8 | 38.2 | 38.3 | 38.3 | 38.3 | - | - | - | - | - | - |
| B_PR_11 | PR | 4.5 | 446065.5 | 4817753.5 | 780 | BT_11 | 3863 | 36.8 | 38.2 | 38.2 | 38.2 | 38.2 | - | - | - | - | - | - |
| B_PR_12 | PR | 4.5 | 446089.1 | 4817042.3 | 824 | BT_12 | 3560 | 37.5 | 38.9 | 39.0 | 39.0 | 39.0 | - | - | - | - | - | - |
| B_PR_13 | PR | 4.5 | 446312.2 | 4815333.2 | 920 | BT_14 | 3215 | 36.3 | 37.7 | 37.8 | 37.8 | 37.8 | - | - | - | - | - | - |
| B_PR_14 | PR | 4.5 | 446319.2 | 4813380.9 | 799 | BT_3 | 4054 | 36.5 | 37.9 | 38.0 | 38.0 | 38.0 | - | - | - | - | - | - |
| B_PR_15 | PR | 4.5 | 446366.2 | 4822311.8 | 1484 | BT_7 | 7097 | 27.8 | 29.3 | 29.5 | 29.5 | 29.5 | - | - | - | - | - | - |
| B_PR_16 | PR | 4.5 | 446423.3 | 4814463 | 765 | BT_15 | 3383 | 36.5 | 37.9 | 37.9 | 37.9 | 37.9 | - | - | - | - | - | - |
| B_PR_17 | PR | 4.5 | 446441.8 | 4814491.5 | 745 | BT_15 | 3354 | 36.6 | 38.0 | 38.1 | 38.1 | 38.1 | - | - | - | - | - | - |
| B_PR_18 | PR | 4.5 | 446483.7 | 4814052 | 847 | BT_15 | 3529 | 36.3 | 37.7 | 37.8 | 37.8 | 37.8 | - | - | - | - | - | - |
| B_PR_19 | PR | 4.5 | 446512.9 | 4811421.4 | 939 | BT_5 | 5393 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | - | - | - | - | - | - |
| B_PR_20 | PR | 4.5 | 446558.6 | 4811621.4 | 1085 | BT_4 | 5201 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | - | - | - | - | - | - |
| B_PR_21 | PR | 4.5 | 446655.4 | 4821760.6 | 1028 | BT_7 | 6475 | 31.5 | 33.0 | 33.1 | 33.1 | 33.1 | - | - | - | - | - | - |
| B_PR_22 | PR | 4.5 | 446702.9 | 4812580 | 645 | BT_18 | 4346 | 38.2 | 39.6 | 39.6 | 39.6 | 39.6 | - | - | - | - | - | - |
| B_PR_23 | PR | 4.5 | 446828.2 | 4821121.6 | 684 | BT_7 | 5826 | 35.7 | 37.1 | 37.2 | 37.2 | 37.2 | - | - | - | - | - | - |
| B_PR_24 | PR | 4.5 | 446835.5 | 4810055 | 776 | BT_6 | 6440 | 34.7 | 36.2 | 36.2 | 36.2 | 36.2 | - | - | - | - | - | - |
| B_PR_25 | PR | 4.5 | 446945.4 | 4821980.9 | 1362 | BT_7 | 6557 | 29.6 | 31.2 | 31.3 | 31.3 | 31.3 | - | - | - | - | - | - |
| B_PR_26 | PR | 4.5 | 447075.2 | 4811477 | 1041 | BT_18 | 5057 | 33.8 | 35.3 | 35.4 | 35.4 | 35.4 | - | - | - | - | - | - |
| B_PR_27 | PR | 4.5 | 447478.2 | 4818153.6 | 845 | BT_11 | 2986 | 36.8 | 38.2 | 38.3 | 38.3 | 38.3 | - | - | - | - | - | - |
| B_PR_28 | PR | 4.5 | 447549.7 | 4818201.2 | 930 | BT_11 | 2975 | 36.5 | 37.9 | 37.9 | 37.9 | 37.9 | - | - | - | - | - | - |
| B_PR_29 | PR | 4.5 | 447592.6 | 4811429.3 | 1084 | BT_18 | 4877 | 33.3 | 34.7 | 34.8 | 34.8 | 34.8 | - | - | - | - | - | - |
| B_PR_30 | PR | 4.5 | 447691.8 | 4819576.5 | 1051 | BT_20 | 4057 | 36.1 | 37.5 | 37.5 | 37.5 | 37.5 | - | - | - | - | - | - |
| B_PR_31 | PR | 4.5 | 447692.9 | 4818501.2 | 1106 | BT_10 | 3126 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | - | - | - | - | - | - |
| B_PR_32 | PR | 4.5 | 447865.4 | 4816713.8 | 917 | BT_13 | 1787 | 37.6 | 38.8 | 38.9 | 38.9 | 38.9 | - | - | - | - | - | - |
| B_PR_33 | PR | 4.5 | 447885.3 | 4816775.5 | 969 | BT_13 | 1797 | 37.4 | 38.7 | 38.8 | 38.8 | 38.8 | - | - | - | - | - | - |
| B_PR_34 | PR | 4.5 | 447910.9 | 4818873.1 | 1209 | BT_21 | 3331 | 35.7 | 37.1 | 37.2 | 37.2 | 37.2 | - | - | - | - | - | - |
| B_PR_35 | PR | 4.5 | 447934.5 | 4816764.7 | 1002 | BT_13 | 1749 | 37.4 | 38.6 | 38.7 | 38.7 | 38.7 | - | - | - | - | - | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|---|---|---|----|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_PR_36 | PR | 4.5 | 448015.5 | 4817322.2 | 1218 | BT_11 | 2014 | 36.5 | 37.8 | 37.9 | 37.9 | 37.9 | - | - | - | - | - | - |
| B_PR_37 | PR | 4.5 | 448153.2 | 4816022 | 852 | BT_24 | 1321 | 38.3 | 39.5 | 39.5 | 39.5 | 39.5 | - | - | - | - | - | - |
| B_PR_38 | PR | 4.5 | 448167 | 4817273.8 | 1264 | BT_23 | 1873 | 36.6 | 37.9 | 38.0 | 38.0 | 38.0 | - | - | - | - | - | - |
| B_PR_39 | PR | 4.5 | 448221.3 | 4815247.2 | 997 | BT_14 | 1425 | 38.1 | 39.3 | 39.4 | 39.4 | 39.4 | - | - | - | - | - | - |
| B_PR_40 | PR | 4.5 | 448305.6 | 4816488.8 | 710 | BT_24 | 1293 | 38.6 | 39.7 | 39.8 | 39.8 | 39.8 | - | - | - | - | - | - |
| B_PR_41 | PR | 4.5 | 448385.4 | 4815322 | 937 | BT_25 | 1245 | 38.5 | 39.6 | 39.7 | 39.7 | 39.7 | - | - | - | - | - | - |
| B_PR_42 | PR | 4.5 | 448480 | 4821106.4 | 574 | BT_19 | 5270 | 37.6 | 39.1 | 39.1 | 39.1 | 39.1 | - | - | - | - | - | - |
| B_PR_43 | PR | 4.5 | 448512.3 | 4813158.6 | 1113 | BT_27 | 2933 | 36.8 | 38.2 | 38.2 | 38.2 | 38.2 | - | - | - | - | - | - |
| B_PR_44 | PR | 4.5 | 448600 | 4813787.4 | 801 | BT_27 | 2313 | 38.7 | 40.0 | 40.1 | 40.1 | 40.1 | - | - | - | - | - | - |
| B_PR_45 | PR | 4.5 | 448618 | 4814472.2 | 656 | BT_25 | 1690 | 39.8 | 41.1 | 41.2 | 41.2 | 41.2 | - | - | - | - | - | - |
| B_PR_46 | PR | 4.5 | 448649.7 | 4814485.7 | 622 | BT_25 | 1662 | 40.1 | 41.4 | 41.4 | 41.4 | 41.4 | - | - | - | - | - | - |
| B_PR_47 | PR | 4.5 | 448677.6 | 4813543.2 | 777 | BT_27 | 2516 | 38.2 | 39.6 | 39.7 | 39.7 | 39.7 | - | - | - | - | - | - |
| B_PR_48 | PR | 4.5 | 448726.2 | 4812252.4 | 1271 | BT_40 | 3753 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | - | - | - | - | - | - |
| B_PR_49 | PR | 4.5 | 449163 | 4809875.2 | 1442 | BT_40 | 6063 | 29.5 | 31.1 | 31.1 | 31.1 | 31.1 | - | - | - | - | - | - |
| B_PR_50 | PR | 4.5 | 449207.9 | 4809840.1 | 1465 | BT_40 | 6096 | 29.3 | 30.8 | 30.9 | 30.9 | 30.9 | - | - | - | - | - | - |
| B_PR_51 | PR | 4.5 | 449705.3 | 4820096.9 | 1198 | BT_21 | 4173 | 34.1 | 35.5 | 35.6 | 35.6 | 35.6 | - | - | - | - | - | - |
| B_PR_52 | PR | 4.5 | 449736.9 | 4813366.7 | 439 | BT_29 | 2577 | 42.6 | 44.0 | 44.0 | 44.0 | 44.0 | - | - | - | - | - | - |
| B_PR_53 | PR | 4.5 | 449771.3 | 4819651.1 | 891 | BT_21 | 3733 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | - | - | - | - | - | - |
| B_PR_54 | PR | 4.5 | 449834.5 | 4819401.6 | 806 | BT_21 | 3490 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | - | - | - | - | - | - |
| B_PR_55 | PR | 4.5 | 450004.1 | 4818106.4 | 715 | BT_38 | 2240 | 38.4 | 39.8 | 39.8 | 39.8 | 39.8 | - | - | - | - | - | - |
| B_PR_56 | PR | 4.5 | 450024.8 | 4810445.9 | 691 | BT_31 | 5512 | 35.6 | 37.1 | 37.1 | 37.1 | 37.1 | - | - | - | - | - | - |
| B_PR_57 | PR | 4.5 | 450060 | 4812047.2 | 647 | BT_30 | 3927 | 37.7 | 39.1 | 39.2 | 39.2 | 39.2 | - | - | - | - | - | - |
| B_PR_58 | PR | 4.5 | 450104.8 | 4816996.4 | 699 | BT_23 | 1240 | 39.5 | 40.7 | 40.7 | 40.7 | 40.7 | - | - | - | - | - | - |
| B_PR_59 | PR | 4.5 | 450125.5 | 4811083.3 | 488 | BT_31 | 4891 | 39.5 | 41.0 | 41.0 | 41.0 | 41.0 | - | - | - | - | - | - |
| B_PR_60 | PR | 4.5 | 450134.9 | 4818082.2 | 839 | BT_38 | 2252 | 37.9 | 39.2 | 39.3 | 39.3 | 39.3 | - | - | - | - | - | - |
| B_PR_61 | PR | 4.5 | 450145.6 | 4817040.7 | 740 | BT_23 | 1299 | 39.4 | 40.6 | 40.6 | 40.6 | 40.6 | - | - | - | - | - | - |
| B_PR_62 | PR | 4.5 | 450161.8 | 4816963.3 | 758 | BT_23 | 1242 | 39.4 | 40.6 | 40.7 | 40.7 | 40.7 | - | - | - | - | - | - |
| B_PR_63 | PR | 4.5 | 450166 | 4816899.4 | 763 | BT_41 | 1192 | 39.5 | 40.6 | 40.7 | 40.7 | 40.7 | - | - | - | - | - | - |
| B_PR_64 | PR | 4.5 | 450200.2 | 4816364.3 | 831 | BT_41 | 848 | 39.6 | 40.6 | 40.6 | 40.6 | 40.6 | - | - | - | - | - | - |
| B_PR_65 | PR | 4.5 | 450220.1 | 4817114.2 | 765 | BT_34 | 1401 | 39.3 | 40.6 | 40.6 | 40.6 | 40.6 | - | - | - | - | - | - |
| B_PR_66 | PR | 4.5 | 450325.8 | 4815609.6 | 764 | BT_39 | 913 | 39.2 | 40.2 | 40.2 | 40.2 | 40.2 | - | - | - | - | - | - |
| B_PR_67 | PR | 4.5 | 450433.8 | 4816422.1 | 604 | BT_41 | 1081 | 39.6 | 40.7 | 40.8 | 40.8 | 40.8 | - | - | - | - | - | - |
| B_PR_68 | PR | 4.5 | 451822.7 | 4817878.3 | 1016 | BT_34 | 3053 | 34.4 | 35.8 | 35.9 | 35.9 | 35.9 | - | - | - | - | - | - |
| B_PR_69 | PR | 4.5 | 452003.1 | 4818343.9 | 1075 | BT_33 | 3498 | 33.5 | 34.8 | 34.9 | 34.9 | 34.9 | - | - | - | - | - | - |
| B_PR_70 | PR | 4.5 | 452027.7 | 4819238.1 | 824 | BT_33 | 4180 | 34.0 | 35.4 | 35.4 | 35.4 | 35.4 | - | - | - | - | - | - |
| B_PR_71 | PR | 4.5 | 452202.9 | 4815739.5 | 535 | BT_35 | 2738 | 39.8 | 41.2 | 41.3 | 41.3 | 41.3 | - | - | - | - | - | - |
| B_PR_72 | PR | 4.5 | 452359.4 | 4815372.8 | 603 | BT_36 | 2941 | 38.3 | 39.7 | 39.8 | 39.8 | 39.8 | - | - | - | - | - | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* | |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|---|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | | |
| B_PR_73 | PR | 4.5 | 452658.8 | 4815428.4 | 657 | BT_37 | 3227 | 37.2 | 38.6 | 38.7 | 38.7 | 38.7 | - | - | - | - | - | - | - |
| B_PR_74 | PR | 4.5 | 454664.2 | 4811215.2 | 4111 | BT_31 | 7014 | 17.1 | 19.0 | 19.2 | 19.2 | 19.2 | - | - | - | - | - | - | - |
| B_PR_75 | PR | 4.5 | 458143.3 | 4820765.6 | 7088 | BT_37 | 9929 | - | - | - | - | - | - | - | - | - | - | - | - |
| B_PR_76 | PR | 4.5 | 458150.5 | 4820740.6 | 7075 | BT_37 | 9923 | - | - | - | - | - | - | - | - | - | - | - | - |
| B_VPO_1 | VPO | 4.5 | 443085 | 4808911.5 | 3145 | BT_6 | 9489 | 20.6 | 22.3 | 22.3 | 22.3 | 22.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_2 | VPO | 4.5 | 443104.8 | 4809080.2 | 3080 | BT_6 | 9352 | 20.9 | 22.6 | 22.6 | 22.6 | 22.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_3 | VPO | 4.5 | 443127 | 4810699.3 | 2796 | BT_4 | 8223 | 23.1 | 24.8 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_4 | VPO | 4.5 | 443132.7 | 4818679.3 | 3011 | BT_1 | 6909 | 23.6 | 25.4 | 25.6 | 25.6 | 25.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_5 | VPO | 4.5 | 443141.2 | 4809351.4 | 2988 | BT_6 | 9130 | 21.3 | 23.1 | 23.1 | 23.1 | 23.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_6 | VPO | 4.5 | 443174.3 | 4809711.9 | 2917 | BT_6 | 8850 | 21.9 | 23.6 | 23.6 | 23.6 | 23.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_7 | VPO | 4.5 | 443244.7 | 4811523.5 | 2385 | BT_4 | 7628 | 24.4 | 26.1 | 26.2 | 26.2 | 26.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_8 | VPO | 4.5 | 443248.7 | 4811662.9 | 2354 | BT_4 | 7545 | 24.6 | 26.3 | 26.4 | 26.4 | 26.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_9 | VPO | 4.5 | 443299.9 | 4812265.1 | 2277 | BT_4 | 7178 | 25.1 | 26.8 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_10 | VPO | 4.5 | 443309.9 | 4811183.6 | 2423 | BT_4 | 7778 | 24.1 | 25.8 | 25.9 | 25.9 | 25.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_11 | VPO | 4.5 | 443372.7 | 4813058.9 | 2193 | BT_3 | 6741 | 25.6 | 27.3 | 27.5 | 27.5 | 27.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_12 | VPO | 4.5 | 443389.2 | 4813234.2 | 2179 | BT_3 | 6653 | 25.8 | 27.5 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_13 | VPO | 4.5 | 443434.7 | 4812259 | 2142 | BT_4 | 7065 | 25.8 | 27.4 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_14 | VPO | 4.5 | 443457.3 | 4820664.4 | 2755 | BT_7 | 7654 | 23.1 | 24.8 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_15 | VPO | 4.5 | 443458.7 | 4813984.9 | 2278 | BT_3 | 6320 | 25.9 | 27.6 | 27.8 | 27.8 | 27.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_17 | VPO | 4.5 | 443459.9 | 4820783.5 | 2748 | BT_7 | 7726 | 23.0 | 24.7 | 24.9 | 24.9 | 24.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_16 | VPO | 4.5 | 443459.9 | 4820902.5 | 2748 | BT_7 | 7801 | 22.4 | 24.1 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_18 | VPO | 4.5 | 443461.5 | 4821473 | 2818 | BT_7 | 8176 | 21.1 | 22.8 | 23.0 | 23.0 | 23.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_19 | VPO | 4.5 | 443464.1 | 4821986.3 | 2974 | BT_7 | 8530 | 20.3 | 22.1 | 22.2 | 22.2 | 22.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_20 | VPO | 4.5 | 443475.2 | 4814160.2 | 2335 | BT_3 | 6252 | 25.8 | 27.5 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_21 | VPO | 4.5 | 443486.1 | 4811939.2 | 2086 | BT_4 | 7194 | 25.8 | 27.5 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_22 | VPO | 4.5 | 443491.8 | 4814279.3 | 2376 | BT_3 | 6203 | 25.9 | 27.6 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_23 | VPO | 4.5 | 443511.9 | 4812869.1 | 2068 | BT_3 | 6700 | 26.2 | 27.9 | 28.0 | 28.0 | 28.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_24 | VPO | 4.5 | 443515.5 | 4813119 | 2049 | BT_3 | 6586 | 26.3 | 27.9 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_25 | VPO | 4.5 | 443526.6 | 4813221.9 | 2041 | BT_3 | 6533 | 26.3 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_26 | VPO | 4.5 | 443545 | 4813383.6 | 2037 | BT_3 | 6451 | 26.3 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_27 | VPO | 4.5 | 443578 | 4813677.6 | 2064 | BT_3 | 6309 | 26.3 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_28 | VPO | 4.5 | 443603.8 | 4814074.6 | 2182 | BT_3 | 6154 | 26.3 | 28.0 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_29 | VPO | 4.5 | 443633.2 | 4814273 | 2251 | BT_3 | 6069 | 26.3 | 28.0 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_30 | VPO | 4.5 | 443651.5 | 4814493.6 | 2357 | BT_3 | 5995 | 26.4 | 28.1 | 28.3 | 28.3 | 28.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_31 | VPO | 4.5 | 443721.4 | 4816952.9 | 1591 | BT_1 | 5840 | 28.4 | 30.0 | 30.1 | 30.1 | 30.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_32 | VPO | 4.5 | 443732.4 | 4815140.4 | 1899 | BT_2 | 5793 | 27.5 | 29.2 | 29.3 | 29.3 | 29.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |
| B_VPO_33 | VPO | 4.5 | 443761.8 | 4815519 | 1694 | BT_2 | 5724 | 28.2 | 29.8 | 30.0 | 30.0 | 30.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_34 | VPO | 4.5 | 443772.8 | 4815735.8 | 1611 | BT_2 | 5702 | 28.7 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_35 | VPO | 4.5 | 443784.3 | 4817442.4 | 1726 | BT_1 | 5885 | 27.8 | 29.4 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_36 | VPO | 4.5 | 443857.4 | 4816382.7 | 1412 | BT_1 | 5632 | 29.8 | 31.3 | 31.4 | 31.4 | 31.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_37 | VPO | 4.5 | 443886.8 | 4816787 | 1394 | BT_1 | 5650 | 29.7 | 31.2 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_38 | VPO | 4.5 | 443923.2 | 4818887.7 | 2573 | BT_9 | 6287 | 26.3 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_39 | VPO | 4.5 | 443930.9 | 4817158.2 | 1463 | BT_1 | 5675 | 29.2 | 30.8 | 30.9 | 30.9 | 30.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_40 | VPO | 4.5 | 443974.8 | 4822078.9 | 2555 | BT_7 | 8247 | 22.0 | 23.7 | 23.9 | 23.9 | 23.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_41 | VPO | 4.5 | 443980.7 | 4820622.2 | 2237 | BT_7 | 7222 | 25.1 | 26.8 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_42 | VPO | 4.5 | 444023 | 4820110.7 | 2301 | BT_7 | 6867 | 25.8 | 27.5 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_43 | VPO | 4.5 | 444055.5 | 4818957.1 | 2435 | BT_9 | 6204 | 26.7 | 28.4 | 28.5 | 28.5 | 28.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_44 | VPO | 4.5 | 444113 | 4820934.4 | 2096 | BT_7 | 7332 | 25.2 | 26.9 | 27.0 | 27.0 | 27.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_45 | VPO | 4.5 | 444139.5 | 4821214.9 | 2102 | BT_7 | 7507 | 24.7 | 26.3 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_46 | VPO | 4.5 | 444160.6 | 4821447.7 | 2136 | BT_7 | 7658 | 24.2 | 25.8 | 26.0 | 26.0 | 26.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_47 | VPO | 4.5 | 444224.9 | 4820045 | 2134 | BT_7 | 6668 | 26.7 | 28.4 | 28.5 | 28.5 | 28.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_48 | VPO | 4.5 | 444265.3 | 4820892.3 | 1943 | BT_7 | 7192 | 25.9 | 27.6 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_50 | VPO | 4.5 | 444308.2 | 4822457.2 | 2497 | BT_7 | 8322 | 22.1 | 23.8 | 23.9 | 23.9 | 23.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_49 | VPO | 4.5 | 444308.2 | 4822563.1 | 2567 | BT_7 | 8406 | 21.8 | 23.5 | 23.7 | 23.7 | 23.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_51 | VPO | 4.5 | 444310.9 | 4822058.4 | 2256 | BT_7 | 8012 | 23.1 | 24.8 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_52 | VPO | 4.5 | 444496.9 | 4817555.1 | 1264 | BT_1 | 5233 | 31.1 | 32.7 | 32.8 | 32.8 | 32.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_53 | VPO | 4.5 | 444514.5 | 4823232.5 | 2934 | BT_7 | 8826 | 20.1 | 21.9 | 22.0 | 22.0 | 22.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_54 | VPO | 4.5 | 444517.2 | 4823322.4 | 3006 | BT_7 | 8899 | 19.9 | 21.7 | 21.8 | 21.8 | 21.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_55 | VPO | 4.5 | 444604.5 | 4822793.3 | 2530 | BT_7 | 8414 | 21.9 | 23.6 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_56 | VPO | 4.5 | 444628.3 | 4823232.5 | 2870 | BT_7 | 8762 | 20.3 | 22.1 | 22.3 | 22.3 | 22.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_57 | VPO | 4.5 | 444633.6 | 4823322.4 | 2942 | BT_7 | 8835 | 20.1 | 21.9 | 22.0 | 22.0 | 22.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_58 | VPO | 4.5 | 444675 | 4822049.9 | 1955 | BT_7 | 7775 | 24.6 | 26.3 | 26.4 | 26.4 | 26.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_59 | VPO | 4.5 | 444679.1 | 4811296.1 | 1174 | BT_4 | 6667 | 31.4 | 32.9 | 33.0 | 33.0 | 33.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_60 | VPO | 4.5 | 444695.6 | 4811183.6 | 1239 | BT_4 | 6733 | 31.3 | 32.8 | 32.8 | 32.8 | 32.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_61 | VPO | 4.5 | 444726.2 | 4823232.5 | 2817 | BT_7 | 8709 | 20.9 | 22.7 | 22.8 | 22.8 | 22.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_62 | VPO | 4.5 | 444791.4 | 4822608.7 | 2269 | BT_7 | 8155 | 23.0 | 24.7 | 24.8 | 24.8 | 24.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_63 | VPO | 4.5 | 444802.9 | 4817561.4 | 1112 | BT_1 | 4945 | 32.6 | 34.1 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_64 | VPO | 4.5 | 444829.5 | 4822047.8 | 1835 | BT_7 | 7679 | 25.2 | 26.8 | 26.9 | 26.9 | 26.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_65 | VPO | 4.5 | 444840 | 4823327.7 | 2842 | BT_7 | 8728 | 20.5 | 22.2 | 22.4 | 22.4 | 22.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_66 | VPO | 4.5 | 444861 | 4809973.2 | 1233 | BT_6 | 7533 | 30.9 | 32.4 | 32.4 | 32.4 | 32.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_67 | VPO | 4.5 | 444952.3 | 4810188.7 | 1098 | BT_5 | 7307 | 32.0 | 33.5 | 33.5 | 33.5 | 33.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_68 | VPO | 4.5 | 444953.6 | 4809381.2 | 1226 | BT_6 | 7956 | 29.9 | 31.3 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_69 | VPO | 4.5 | 444993.3 | 4809159.6 | 1293 | BT_6 | 8118 | 29.2 | 30.7 | 30.7 | 30.7 | 30.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_70 | VPO | 4.5 | 444996.7 | 4821450.9 | 1358 | BT_7 | 7106 | 28.3 | 29.9 | 30.0 | 30.0 | 30.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_71 | VPO | 4.5 | 445001.8 | 4809909.9 | 1088 | BT_6 | 7498 | 31.8 | 33.3 | 33.3 | 33.3 | 33.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_72 | VPO | 4.5 | 445004 | 4821715.5 | 1490 | BT_7 | 7309 | 27.3 | 28.9 | 29.0 | 29.0 | 29.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_73 | VPO | 4.5 | 445055.5 | 4813405.7 | 585 | BT_3 | 5087 | 36.4 | 37.9 | 37.9 | 37.9 | 37.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_74 | VPO | 4.5 | 445056.4 | 4809700.9 | 1042 | BT_6 | 7635 | 31.7 | 33.2 | 33.2 | 33.2 | 33.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_75 | VPO | 4.5 | 445078.8 | 4809594.3 | 1040 | BT_6 | 7710 | 31.5 | 33.0 | 33.0 | 33.0 | 33.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_76 | VPO | 4.5 | 445080.7 | 4809434.3 | 1089 | BT_6 | 7841 | 30.9 | 32.4 | 32.4 | 32.4 | 32.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_77 | VPO | 4.5 | 445114.3 | 4821439.9 | 1248 | BT_7 | 7024 | 29.2 | 30.7 | 30.8 | 30.8 | 30.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_78 | VPO | 4.5 | 445115.7 | 4811384.4 | 815 | BT_4 | 6296 | 34.5 | 36.0 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_79 | VPO | 4.5 | 445118 | 4821642 | 1355 | BT_7 | 7182 | 28.2 | 29.7 | 29.8 | 29.8 | 29.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_80 | VPO | 4.5 | 445132.7 | 4811215.2 | 953 | BT_4 | 6408 | 34.1 | 35.6 | 35.6 | 35.6 | 35.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_81 | VPO | 4.5 | 445237 | 4823336.8 | 2682 | BT_7 | 8532 | 21.4 | 23.2 | 23.4 | 23.4 | 23.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_82 | VPO | 4.5 | 445310.1 | 4807921.1 | 1508 | Z_1 | 9026 | 25.9 | 27.5 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_83 | VPO | 4.5 | 445337.3 | 4811255.4 | 826 | BT_5 | 6241 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_84 | VPO | 4.5 | 445352 | 4822543.1 | 1909 | BT_7 | 7791 | 24.7 | 26.3 | 26.4 | 26.4 | 26.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_85 | VPO | 4.5 | 445367.9 | 4821289.2 | 954 | BT_7 | 6750 | 31.6 | 33.1 | 33.2 | 33.2 | 33.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_86 | VPO | 4.5 | 445617.8 | 4822083.1 | 1379 | BT_7 | 7260 | 28.0 | 29.5 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_87 | VPO | 4.5 | 445632.5 | 4821917.7 | 1225 | BT_7 | 7112 | 29.1 | 30.6 | 30.7 | 30.7 | 30.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_88 | VPO | 4.5 | 445657.6 | 4823328.9 | 2553 | BT_7 | 8324 | 22.0 | 23.8 | 23.9 | 23.9 | 23.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_89 | VPO | 4.5 | 445686.6 | 4823991.8 | 3198 | BT_7 | 8906 | 19.6 | 21.4 | 21.6 | 21.6 | 21.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_90 | VPO | 4.5 | 445720.7 | 4818650.3 | 874 | BT_10 | 4633 | 35.8 | 37.2 | 37.3 | 37.3 | 37.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_91 | VPO | 4.5 | 445777.3 | 4815423.4 | 887 | BT_2 | 3729 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_92 | VPO | 4.5 | 445808.5 | 4822725.6 | 1931 | BT_7 | 7720 | 24.9 | 26.5 | 26.6 | 26.6 | 26.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_93 | VPO | 4.5 | 445818.9 | 4823795.5 | 2985 | BT_7 | 8672 | 20.3 | 22.1 | 22.3 | 22.3 | 22.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_94 | VPO | 4.5 | 445820 | 4822186 | 1404 | BT_7 | 7243 | 27.9 | 29.5 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_95 | VPO | 4.5 | 445821 | 4823674.9 | 2865 | BT_7 | 8562 | 20.7 | 22.5 | 22.6 | 22.6 | 22.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_96 | VPO | 4.5 | 445823.2 | 4823736.2 | 2926 | BT_7 | 8616 | 20.5 | 22.3 | 22.5 | 22.5 | 22.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_97 | VPO | 4.5 | 445823.4 | 4823420.9 | 2613 | BT_7 | 8332 | 21.9 | 23.6 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_98 | VPO | 4.5 | 445823.5 | 4811473.7 | 642 | BT_4 | 5759 | 37.2 | 38.7 | 38.7 | 38.7 | 38.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_99 | VPO | 4.5 | 445934.5 | 4809259.9 | 607 | BT_6 | 7550 | 36.0 | 37.4 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_100 | VPO | 4.5 | 445986.1 | 4816082.6 | 674 | BT_2 | 3489 | 38.0 | 39.4 | 39.5 | 39.5 | 39.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_102 | VPO | 4.5 | 446544 | 4812593.4 | 804 | BT_18 | 4439 | 37.1 | 38.5 | 38.6 | 38.6 | 38.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_101 | VPO | 4.5 | 446544 | 4812755.1 | 842 | BT_18 | 4319 | 37.2 | 38.7 | 38.7 | 38.7 | 38.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_103 | VPO | 4.5 | 446584.4 | 4812354.5 | 768 | BT_18 | 4596 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_104 | VPO | 4.5 | 446646 | 4811464.1 | 1058 | BT_5 | 5285 | 34.4 | 35.9 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_105 | VPO | 4.5 | 446702.4 | 4811522.7 | 1139 | BT_5 | 5205 | 34.4 | 35.8 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_106 | VPO | 4.5 | 446805 | 4811593.7 | 1039 | BT_18 | 5091 | 34.4 | 35.9 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_107 | VPO | 4.5 | 446906.6 | 4809792 | 820 | BT_6 | 6653 | 33.9 | 35.4 | 35.4 | 35.4 | 35.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_108 | VPO | 4.5 | 447065.9 | 4810377.2 | 1112 | BT_6 | 6052 | 32.8 | 34.3 | 34.3 | 34.3 | 34.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_109 | VPO | 4.5 | 447091.6 | 4810267 | 1088 | BT_6 | 6143 | 32.6 | 34.1 | 34.1 | 34.1 | 34.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_110 | VPO | 4.5 | 447199.2 | 4808169.8 | 512 | Z_1 | 8086 | 34.5 | 36.2 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_111 | VPO | 4.5 | 447246.8 | 4808968.9 | 763 | Z_1 | 7308 | 32.1 | 33.8 | 33.7 | 33.7 | 33.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_112 | VPO | 4.5 | 447312.1 | 4809682.6 | 1235 | BT_6 | 6610 | 31.1 | 32.6 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_113 | VPO | 4.5 | 447415.1 | 4811678.3 | 809 | BT_18 | 4723 | 35.1 | 36.5 | 36.6 | 36.6 | 36.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_114 | VPO | 4.5 | 447437.1 | 4821395.8 | 1135 | BT_19 | 5832 | 32.7 | 34.2 | 34.2 | 34.2 | 34.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_115 | VPO | 4.5 | 447439 | 4821202.7 | 1005 | BT_19 | 5651 | 33.7 | 35.2 | 35.3 | 35.3 | 35.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_116 | VPO | 4.5 | 447511.9 | 4820457.6 | 734 | BT_19 | 4933 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_117 | VPO | 4.5 | 447687 | 4819433.2 | 1160 | BT_20 | 3931 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_118 | VPO | 4.5 | 447812 | 4811715 | 902 | BT_18 | 4530 | 34.5 | 35.9 | 36.0 | 36.0 | 36.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_119 | VPO | 4.5 | 447874.5 | 4819668.4 | 860 | BT_20 | 4065 | 36.6 | 38.0 | 38.0 | 38.0 | 38.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_120 | VPO | 4.5 | 448003.1 | 4819311.9 | 1097 | BT_20 | 3687 | 36.0 | 37.4 | 37.5 | 37.5 | 37.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_121 | VPO | 4.5 | 448080 | 4818219.8 | 1138 | BT_22 | 2679 | 36.1 | 37.4 | 37.5 | 37.5 | 37.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_122 | VPO | 4.5 | 448095 | 4816544.4 | 927 | BT_24 | 1507 | 37.7 | 39.0 | 39.0 | 39.0 | 39.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_123 | VPO | 4.5 | 448102.3 | 4818051.3 | 1180 | BT_22 | 2524 | 36.1 | 37.5 | 37.6 | 37.6 | 37.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_124 | VPO | 4.5 | 448175.4 | 4821549.3 | 963 | BT_19 | 5767 | 32.7 | 34.2 | 34.3 | 34.3 | 34.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_125 | VPO | 4.5 | 448410.4 | 4821468.3 | 898 | BT_19 | 5639 | 33.6 | 35.0 | 35.1 | 35.1 | 35.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_126 | VPO | 4.5 | 448874.2 | 4810891.8 | 758 | BT_40 | 5074 | 34.4 | 35.8 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_127 | VPO | 4.5 | 448925 | 4810232.7 | 1201 | BT_40 | 5724 | 30.8 | 32.3 | 32.4 | 32.4 | 32.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_128 | VPO | 4.5 | 449076.3 | 4810697 | 731 | BT_40 | 5248 | 34.6 | 36.0 | 36.1 | 36.1 | 36.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_129 | VPO | 4.5 | 449088.3 | 4809429.2 | 1893 | BT_40 | 6512 | 27.5 | 29.1 | 29.2 | 29.2 | 29.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_130 | VPO | 4.5 | 449141.2 | 4809037.7 | 2265 | BT_40 | 6901 | 26.0 | 27.7 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_131 | VPO | 4.5 | 449157.2 | 4810292.7 | 1046 | BT_40 | 5646 | 31.8 | 33.3 | 33.4 | 33.4 | 33.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_132 | VPO | 4.5 | 449236.5 | 4809683.2 | 1613 | BT_40 | 6251 | 28.6 | 30.2 | 30.3 | 30.3 | 30.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_133 | VPO | 4.5 | 449257.7 | 4809466.3 | 1823 | BT_40 | 6468 | 27.7 | 29.3 | 29.3 | 29.3 | 29.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_134 | VPO | 4.5 | 449300 | 4809191.1 | 2091 | BT_40 | 6741 | 26.6 | 28.3 | 28.3 | 28.3 | 28.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_135 | VPO | 4.5 | 449315.2 | 4820995.2 | 1110 | BT_20 | 5067 | 32.8 | 34.3 | 34.4 | 34.4 | 34.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_136 | VPO | 4.5 | 449686.4 | 4811851 | 602 | BT_40 | 4085 | 37.8 | 39.2 | 39.2 | 39.2 | 39.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_137 | VPO | 4.5 | 449701 | 4821015.9 | 1445 | BT_20 | 5091 | 30.8 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_138 | VPO | 4.5 | 449807.7 | 4811873.1 | 664 | BT_40 | 4071 | 37.5 | 38.9 | 39.0 | 39.0 | 39.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_139 | VPO | 4.5 | 449973.1 | 4819120.8 | 764 | BT_32 | 3230 | 37.8 | 39.2 | 39.2 | 39.2 | 39.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_140 | VPO | 4.5 | 450002.4 | 4810261.9 | 834 | BT_31 | 5693 | 33.9 | 35.3 | 35.4 | 35.4 | 35.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_141 | VPO | 4.5 | 450025 | 4810024.2 | 1009 | BT_31 | 5932 | 32.0 | 33.4 | 33.5 | 33.5 | 33.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_142 | VPO | 4.5 | 450105.4 | 4818279.1 | 863 | BT_38 | 2433 | 37.9 | 39.2 | 39.3 | 39.3 | 39.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_143 | VPO | 4.5 | 450183.1 | 4810412.1 | 601 | BT_31 | 5564 | 36.3 | 37.8 | 37.8 | 37.8 | 37.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_144 | VPO | 4.5 | 450227.2 | 4817528.9 | 725 | BT_34 | 1768 | 38.6 | 39.9 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_145 | VPO | 4.5 | 450313.5 | 4808461.7 | 2427 | BT_31 | 7516 | 22.9 | 24.6 | 24.6 | 24.6 | 24.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_146 | VPO | 4.5 | 450322 | 4809067 | 1824 | BT_31 | 6916 | 26.0 | 27.6 | 27.6 | 27.6 | 27.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_147 | VPO | 4.5 | 450336.9 | 4815349.9 | 740 | BT_39 | 1042 | 38.9 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_148 | VPO | 4.5 | 450381.3 | 4808664.9 | 2218 | BT_31 | 7322 | 23.8 | 25.4 | 25.5 | 25.5 | 25.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_149 | VPO | 4.5 | 450572.1 | 4814978.7 | 1054 | BT_39 | 1455 | 37.4 | 38.6 | 38.6 | 38.6 | 38.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_150 | VPO | 4.5 | 450634.6 | 4814817 | 1117 | BT_28 | 1610 | 37.1 | 38.3 | 38.4 | 38.4 | 38.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_151 | VPO | 4.5 | 450697.1 | 4814217.9 | 748 | BT_28 | 2106 | 37.3 | 38.7 | 38.7 | 38.7 | 38.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_152 | VPO | 4.5 | 450748.6 | 4813593.1 | 772 | BT_28 | 2663 | 37.6 | 39.0 | 39.1 | 39.1 | 39.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_153 | VPO | 4.5 | 450752.2 | 4811976 | 999 | BT_30 | 4157 | 34.8 | 36.2 | 36.3 | 36.3 | 36.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_154 | VPO | 4.5 | 450811 | 4813188.8 | 718 | BT_29 | 3051 | 37.4 | 38.8 | 38.8 | 38.8 | 38.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_155 | VPO | 4.5 | 450855.1 | 4812791.9 | 803 | BT_30 | 3430 | 36.6 | 38.0 | 38.1 | 38.1 | 38.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_156 | VPO | 4.5 | 450932.3 | 4812174.4 | 1017 | BT_30 | 4030 | 34.3 | 35.7 | 35.8 | 35.8 | 35.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_157 | VPO | 4.5 | 451096.2 | 4812033.9 | 1230 | BT_30 | 4222 | 33.2 | 34.6 | 34.7 | 34.7 | 34.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_158 | VPO | 4.5 | 451190.1 | 4820536.5 | 1457 | BT_33 | 4916 | 30.4 | 31.8 | 31.9 | 31.9 | 31.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_159 | VPO | 4.5 | 451204.3 | 4814063.5 | 1188 | BT_28 | 2547 | 34.8 | 36.1 | 36.2 | 36.2 | 36.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_160 | VPO | 4.5 | 451321.4 | 4820311.8 | 1236 | BT_33 | 4756 | 31.4 | 32.8 | 32.9 | 32.9 | 32.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_161 | VPO | 4.5 | 451358.5 | 4809217.6 | 1837 | BT_31 | 6973 | 24.6 | 26.1 | 26.2 | 26.2 | 26.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_162 | VPO | 4.5 | 451450.5 | 4814089.3 | 1327 | BT_36 | 2703 | 34.1 | 35.4 | 35.5 | 35.5 | 35.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_163 | VPO | 4.5 | 451513 | 4814298.8 | 1109 | BT_36 | 2613 | 34.5 | 35.8 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_164 | VPO | 4.5 | 451515.5 | 4820396.8 | 1350 | BT_33 | 4912 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_165 | VPO | 4.5 | 451611.3 | 4812235.6 | 1620 | BT_30 | 4270 | 31.1 | 32.5 | 32.6 | 32.6 | 32.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_166 | VPO | 4.5 | 451616.6 | 4812152.7 | 1650 | BT_30 | 4344 | 30.9 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_167 | VPO | 4.5 | 451693.1 | 4812273.7 | 1688 | BT_30 | 4279 | 30.7 | 32.1 | 32.3 | 32.3 | 32.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_168 | VPO | 4.5 | 451722.5 | 4812123 | 1701 | BT_31 | 4423 | 30.5 | 31.9 | 32.0 | 32.0 | 32.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_169 | VPO | 4.5 | 451814.4 | 4812284.7 | 1803 | BT_30 | 4334 | 30.3 | 31.7 | 31.8 | 31.8 | 31.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_170 | VPO | 4.5 | 451815.1 | 4820121.1 | 1200 | BT_33 | 4802 | 31.0 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_171 | VPO | 4.5 | 451827.4 | 4820049.3 | 1144 | BT_33 | 4745 | 31.4 | 32.8 | 32.8 | 32.8 | 32.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_172 | VPO | 4.5 | 451847.5 | 4819418.5 | 714 | BT_33 | 4221 | 35.2 | 36.6 | 36.6 | 36.6 | 36.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_173 | VPO | 4.5 | 451856.7 | 4820495.9 | 1553 | BT_33 | 5151 | 28.3 | 29.9 | 30.0 | 30.0 | 30.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_174 | VPO | 4.5 | 451871.8 | 4808206.9 | 2970 | BT_31 | 8088 | 18.8 | 20.5 | 20.7 | 20.7 | 20.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_175 | VPO | 4.5 | 452007.5 | 4820376.8 | 1518 | BT_33 | 5119 | 28.4 | 30.0 | 30.1 | 30.1 | 30.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_176 | VPO | 4.5 | 452028.7 | 4820464.1 | 1604 | BT_33 | 5205 | 27.9 | 29.5 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_177 | VPO | 4.5 | 452062.3 | 4808259.8 | 3012 | BT_31 | 8096 | 18.6 | 20.4 | 20.5 | 20.5 | 20.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_178 | VPO | 4.5 | 452065.8 | 4820559.4 | 1705 | BT_33 | 5306 | 27.4 | 29.0 | 29.1 | 29.1 | 29.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_179 | VPO | 4.5 | 452083.7 | 4817717.1 | 1195 | BT_34 | 3165 | 33.3 | 34.6 | 34.7 | 34.7 | 34.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_180 | VPO | 4.5 | 452089.6 | 4820641.4 | 1788 | BT_33 | 5390 | 26.9 | 28.6 | 28.7 | 28.7 | 28.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_181 | VPO | 4.5 | 452109 | 4817528.9 | 1181 | BT_34 | 3084 | 33.5 | 34.8 | 34.9 | 34.9 | 34.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_182 | VPO | 4.5 | 452121.3 | 4820741.9 | 1891 | BT_33 | 5493 | 26.4 | 28.0 | 28.1 | 28.1 | 28.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_183 | VPO | 4.5 | 452150.4 | 4820826.6 | 1979 | BT_33 | 5581 | 26.0 | 27.6 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_184 | VPO | 4.5 | 452187.5 | 4820921.9 | 2081 | BT_33 | 5683 | 25.5 | 27.2 | 27.3 | 27.3 | 27.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_185 | VPO | 4.5 | 452193.7 | 4817006.6 | 1294 | BT_41 | 2927 | 33.9 | 35.2 | 35.3 | 35.3 | 35.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_186 | VPO | 4.5 | 452203.6 | 4820047.9 | 1381 | BT_33 | 4942 | 29.7 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_187 | VPO | 4.5 | 452238.5 | 4820155.9 | 1482 | BT_33 | 5051 | 28.6 | 30.1 | 30.2 | 30.2 | 30.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_188 | VPO | 4.5 | 452245.1 | 4816476.3 | 959 | BT_35 | 2827 | 35.3 | 36.6 | 36.7 | 36.7 | 36.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_189 | VPO | 4.5 | 452282.7 | 4821144.1 | 2322 | BT_33 | 5923 | 24.4 | 26.1 | 26.2 | 26.2 | 26.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_190 | VPO | 4.5 | 452288.5 | 4817533 | 1360 | BT_34 | 3241 | 32.6 | 33.9 | 34.0 | 34.0 | 34.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_191 | VPO | 4.5 | 452317.9 | 4812380.3 | 2282 | BT_30 | 4550 | 28.6 | 30.0 | 30.2 | 30.2 | 30.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_192 | VPO | 4.5 | 452461.3 | 4814883.1 | 863 | BT_36 | 3168 | 35.4 | 36.7 | 36.8 | 36.8 | 36.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_193 | VPO | 4.5 | 452546.1 | 4814790.5 | 986 | BT_36 | 3279 | 34.5 | 35.9 | 35.9 | 35.9 | 35.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_194 | VPO | 4.5 | 452555.3 | 4814017.3 | 1581 | BT_36 | 3629 | 31.0 | 32.4 | 32.5 | 32.5 | 32.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_195 | VPO | 4.5 | 452634.7 | 4813445.8 | 2125 | BT_36 | 4022 | 29.3 | 30.7 | 30.8 | 30.8 | 30.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_196 | VPO | 4.5 | 452733.2 | 4814475.2 | 1253 | BT_37 | 3572 | 32.5 | 33.8 | 33.9 | 33.9 | 33.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_197 | VPO | 4.5 | 452751.6 | 4818661.4 | 1589 | BT_33 | 4268 | 29.7 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_198 | VPO | 4.5 | 452881.4 | 4812325.9 | 2732 | BT_31 | 4962 | 26.8 | 28.2 | 28.4 | 28.4 | 28.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_199 | VPO | 4.5 | 452882.5 | 4812270.9 | 2704 | BT_31 | 5003 | 25.8 | 27.5 | 27.7 | 27.7 | 27.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_200 | VPO | 4.5 | 452887.6 | 4813460.8 | 2174 | BT_37 | 4215 | 28.7 | 30.1 | 30.3 | 30.3 | 30.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_201 | VPO | 4.5 | 452946.4 | 4818477.6 | 1829 | BT_33 | 4309 | 29.0 | 30.3 | 30.4 | 30.4 | 30.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_202 | VPO | 4.5 | 452982.7 | 4811264.8 | 2447 | BT_31 | 5839 | 24.1 | 25.8 | 26.0 | 26.0 | 26.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_203 | VPO | 4.5 | 453042 | 4811167.4 | 2492 | BT_31 | 5953 | 23.8 | 25.5 | 25.7 | 25.7 | 25.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_204 | VPO | 4.5 | 453104.4 | 4810487.5 | 2567 | BT_31 | 6544 | 21.9 | 23.6 | 23.8 | 23.8 | 23.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_205 | VPO | 4.5 | 453221.1 | 4809429.2 | 3022 | BT_31 | 7505 | 19.2 | 21.0 | 21.1 | 21.1 | 21.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_206 | VPO | 4.5 | 453508.7 | 4819521.4 | 2332 | BT_33 | 5403 | 24.7 | 26.4 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_207 | VPO | 4.5 | 453797.6 | 4814039.8 | 1636 | BT_37 | 4721 | 28.1 | 29.5 | 29.6 | 29.6 | 29.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_208 | VPO | 4.5 | 453810.9 | 4821212.9 | 3357 | BT_33 | 6836 | 13.7 | 15.6 | 15.7 | 15.7 | 15.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_209 | VPO | 4.5 | 453829.3 | 4813822.8 | 1852 | BT_37 | 4841 | 27.4 | 28.8 | 28.9 | 28.9 | 28.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_210 | VPO | 4.5 | 453830 | 4820499.6 | 2972 | BT_33 | 6315 | 16.4 | 18.3 | 18.4 | 18.4 | 18.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_211 | VPO | 4.5 | 453851.2 | 4821024.5 | 3273 | BT_33 | 6718 | 14.0 | 15.8 | 16.0 | 16.0 | 16.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_212 | VPO | 4.5 | 453909.3 | 4819396.4 | 2709 | BT_33 | 5631 | 23.4 | 25.2 | 25.3 | 25.3 | 25.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_213 | VPO | 4.5 | 454002.8 | 4816561.9 | 1198 | BT_37 | 4575 | 29.9 | 31.2 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_214 | VPO | 4.5 | 454107.8 | 4817959.4 | 2500 | BT_37 | 5061 | 24.1 | 25.8 | 25.9 | 25.9 | 25.9 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_215 | VPO | 4.5 | 454134.6 | 4817831.1 | 2388 | BT_37 | 5036 | 24.7 | 26.4 | 26.5 | 26.5 | 26.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_216 | VPO | 4.5 | 454155.6 | 4817400.7 | 2000 | BT_37 | 4909 | 26.7 | 28.0 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_217 | VPO | 4.5 | 454284.2 | 4816764.9 | 1532 | BT_37 | 4885 | 27.8 | 29.1 | 29.2 | 29.2 | 29.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_218 | VPO | 4.5 | 454355.8 | 4818192.4 | 2805 | BT_37 | 5383 | 22.4 | 24.2 | 24.3 | 24.3 | 24.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_219 | VPO | 4.5 | 454363.8 | 4812711.6 | 3076 | BT_37 | 5856 | 21.5 | 23.3 | 23.5 | 23.5 | 23.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_220 | VPO | 4.5 | 454372.4 | 4815960 | 1138 | BT_37 | 4901 | 29.8 | 31.1 | 31.2 | 31.2 | 31.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_221 | VPO | 4.5 | 454384.9 | 4814484.3 | 1558 | BT_37 | 5122 | 26.5 | 28.1 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_222 | VPO | 4.5 | 454405.5 | 4815761.5 | 1124 | BT_37 | 4937 | 29.8 | 31.2 | 31.3 | 31.3 | 31.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_223 | VPO | 4.5 | 454475.3 | 4815342.6 | 1208 | BT_37 | 5038 | 28.6 | 30.1 | 30.2 | 30.2 | 30.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_224 | VPO | 4.5 | 454508.4 | 4814754.5 | 1477 | BT_37 | 5172 | 26.6 | 28.1 | 28.2 | 28.2 | 28.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_225 | VPO | 4.5 | 454587.6 | 4808716.6 | 4563 | BT_31 | 8844 | 11.1 | 13.0 | 13.2 | 13.2 | 13.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_226 | VPO | 4.5 | 454625.4 | 4817740.2 | 2524 | BT_37 | 5462 | 23.1 | 24.8 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_227 | VPO | 4.5 | 454655.4 | 4817466.9 | 2314 | BT_37 | 5407 | 23.5 | 25.2 | 25.4 | 25.4 | 25.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_228 | VPO | 4.5 | 454887 | 4817279.4 | 2318 | BT_37 | 5581 | 23.2 | 24.9 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_229 | VPO | 4.5 | 455022.9 | 4819039.9 | 3804 | BT_33 | 6363 | 20.3 | 22.2 | 22.3 | 22.3 | 22.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_230 | VPO | 4.5 | 455142 | 4810937.4 | 4575 | BT_31 | 7555 | 11.1 | 13.0 | 13.2 | 13.2 | 13.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_231 | VPO | 4.5 | 455156.4 | 4816726.3 | 2179 | BT_37 | 5740 | 23.2 | 24.9 | 25.0 | 25.0 | 25.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_232 | VPO | 4.5 | 455200.2 | 4810508.7 | 4648 | BT_31 | 7887 | 10.9 | 12.8 | 13.0 | 13.0 | 13.0 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_233 | VPO | 4.5 | 455240.4 | 4816896.8 | 2341 | BT_37 | 5849 | 22.6 | 24.3 | 24.5 | 24.5 | 24.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_234 | VPO | 4.5 | 455242.6 | 4810307.7 | 4710 | BT_31 | 8057 | 10.7 | 12.7 | 12.8 | 12.8 | 12.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_235 | VPO | 4.5 | 455276.5 | 4818418.8 | 3449 | BT_37 | 6316 | 20.5 | 22.3 | 22.5 | 22.5 | 22.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_236 | VPO | 4.5 | 455284.9 | 4809932 | 4811 | BT_31 | 8353 | 10.5 | 12.4 | 12.6 | 12.6 | 12.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_237 | VPO | 4.5 | 455327.2 | 4809688.5 | 4906 | BT_31 | 8559 | 10.2 | 12.2 | 12.3 | 12.3 | 12.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_238 | VPO | 4.5 | 455516.3 | 4808692.8 | 5409 | BT_31 | 9430 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_239 | VPO | 4.5 | 455575.6 | 4815325.7 | 2298 | BT_37 | 6134 | 21.5 | 23.2 | 23.3 | 23.3 | 23.3 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_240 | VPO | 4.5 | 455596.3 | 4815136.7 | 2348 | BT_37 | 6176 | 21.3 | 23.0 | 23.1 | 23.1 | 23.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_241 | VPO | 4.5 | 456092.5 | 4818940.7 | 4361 | BT_37 | 7273 | 14.1 | 16.0 | 16.1 | 16.1 | 16.1 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_242 | VPO | 4.5 | 456290.9 | 4818940.7 | 4491 | BT_37 | 7454 | 11.3 | 13.2 | 13.4 | 13.4 | 13.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_243 | VPO | 4.5 | 456316.7 | 4817095.7 | 3374 | BT_37 | 6944 | 17.2 | 19.0 | 19.2 | 19.2 | 19.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_244 | VPO | 4.5 | 456357.1 | 4818315.9 | 4096 | BT_37 | 7287 | 12.5 | 14.3 | 14.5 | 14.5 | 14.5 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_245 | VPO | 4.5 | 456408.5 | 4817878.5 | 3861 | BT_37 | 7205 | 13.2 | 15.0 | 15.2 | 15.2 | 15.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_246 | VPO | 4.5 | 456449 | 4817724.2 | 3806 | BT_37 | 7204 | 13.4 | 15.2 | 15.4 | 15.4 | 15.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_247 | VPO | 4.5 | 456585 | 4816934 | 3553 | BT_37 | 7184 | 14.2 | 16.0 | 16.2 | 16.2 | 16.2 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_248 | VPO | 4.5 | 456778.8 | 4815456.3 | 3488 | BT_37 | 7323 | 14.5 | 16.2 | 16.4 | 16.4 | 16.4 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_249 | VPO | 4.5 | 457514.8 | 4819124.5 | 5501 | BT_37 | 8654 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_250 | VPO | 4.5 | 457607.3 | 4819186.7 | 5612 | BT_37 | 8763 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_251 | VPO | 4.5 | 457768.4 | 4817290.5 | 4785 | BT_37 | 8408 | 10.6 | 12.5 | 12.6 | 12.6 | 12.6 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_252 | VPO | 4.5 | 457789.1 | 4819203.6 | 5764 | BT_37 | 8939 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_253 | VPO | 4.5 | 457808.8 | 4817058.9 | 4746 | BT_37 | 8413 | 10.7 | 12.6 | 12.7 | 12.7 | 12.7 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_254 | VPO | 4.5 | 458007.3 | 4815258 | 4725 | BT_37 | 8562 | 10.7 | 12.6 | 12.8 | 12.8 | 12.8 | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | C |
| B_VPO_255 | VPO | 4.5 | 458064.8 | 4819221.1 | 5992 | BT_37 | 9202 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|------|------|------|------|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPO_256 | VPO | 4.5 | 458170.2 | 4819245.3 | 6091 | BT_37 | 9309 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_257 | VPO | 4.5 | 458181.9 | 4819196.1 | 6071 | BT_37 | 9303 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_258 | VPO | 4.5 | 458182.7 | 4819114.9 | 6023 | BT_37 | 9275 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_259 | VPO | 4.5 | 458202.1 | 4818665 | 5789 | BT_37 | 9149 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_260 | VPO | 4.5 | 458213.1 | 4818859.8 | 5903 | BT_37 | 9219 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_261 | VPO | 4.5 | 458301.3 | 4817775.6 | 5461 | BT_37 | 9021 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_262 | VPO | 4.5 | 458410.9 | 4818280.9 | 5778 | BT_37 | 9243 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_263 | VPO | 4.5 | 458468.8 | 4817784.9 | 5619 | BT_37 | 9187 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_264 | VPO | 4.5 | 458481.4 | 4816540.7 | 5273 | BT_37 | 9031 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_265 | VPO | 4.5 | 458490.3 | 4817877.4 | 5675 | BT_37 | 9227 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_266 | VPO | 4.5 | 458492.6 | 4817738.9 | 5623 | BT_37 | 9201 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_267 | VPO | 4.5 | 458573.3 | 4815974.7 | 5293 | BT_37 | 9102 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_268 | VPO | 4.5 | 458688.7 | 4819329.3 | 6561 | BT_37 | 9824 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_269 | VPO | 4.5 | 458776.8 | 4817038.8 | 5669 | BT_37 | 9371 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_270 | VPO | 4.5 | 460491.5 | 4817246.5 | 7384 | BT_37 | 11098 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_271 | VPO | 4.5 | 460518 | 4817082.5 | 7375 | BT_37 | 11106 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPO_272 | VPO | 4.5 | 460592.1 | 4816563.9 | 7362 | BT_37 | 11139 | - | - | - | - | - | 40.0 | 43.0 | 45.0 | 49.0 | 51.0 | - |
| B_VPR_1 | VPR | 4.5 | 444042.6 | 4818399.2 | 2216 | BT_1 | 5964 | 27.2 | 28.9 | 29.0 | 29.0 | 29.0 | - | - | - | - | - | - |
| B_VPR_2 | VPR | 4.5 | 445544.3 | 4819933 | 978 | BT_8 | 5608 | 34.3 | 35.7 | 35.8 | 35.8 | 35.8 | - | - | - | - | - | - |
| B_VPR_3 | VPR | 4.5 | 445562.7 | 4821259.8 | 771 | BT_7 | 6609 | 33.5 | 35.0 | 35.1 | 35.1 | 35.1 | - | - | - | - | - | - |
| B_VPR_4 | VPR | 4.5 | 445636.2 | 4811465.1 | 602 | BT_4 | 5886 | 37.4 | 38.8 | 38.9 | 38.9 | 38.9 | - | - | - | - | - | - |
| B_VPR_5 | VPR | 4.5 | 445647.2 | 4819245.7 | 846 | BT_9 | 5061 | 35.4 | 36.9 | 36.9 | 36.9 | 36.9 | - | - | - | - | - | - |
| B_VPR_6 | VPR | 4.5 | 445933.9 | 4818536.4 | 669 | BT_10 | 4394 | 37.5 | 38.9 | 39.0 | 39.0 | 39.0 | - | - | - | - | - | - |
| B_VPR_7 | VPR | 4.5 | 445985.4 | 4818110.1 | 805 | BT_10 | 4111 | 36.5 | 37.9 | 38.0 | 38.0 | 38.0 | - | - | - | - | - | - |
| B_VPR_8 | VPR | 4.5 | 446017.2 | 4820043.3 | 527 | BT_8 | 5371 | 38.7 | 40.1 | 40.2 | 40.2 | 40.2 | - | - | - | - | - | - |
| B_VPR_9 | VPR | 4.5 | 446058.9 | 4816257.7 | 743 | BT_2 | 3428 | 38.1 | 39.5 | 39.6 | 39.6 | 39.6 | - | - | - | - | - | - |
| B_VPR_10 | VPR | 4.5 | 446216.9 | 4816459.8 | 743 | BT_12 | 3297 | 38.3 | 39.7 | 39.7 | 39.7 | 39.7 | - | - | - | - | - | - |
| B_VPR_11 | VPR | 4.5 | 446250 | 4816327.5 | 785 | BT_12 | 3246 | 38.2 | 39.6 | 39.6 | 39.6 | 39.6 | - | - | - | - | - | - |
| B_VPR_12 | VPR | 4.5 | 446319.8 | 4821414.2 | 589 | BT_7 | 6325 | 36.1 | 37.5 | 37.6 | 37.6 | 37.6 | - | - | - | - | - | - |
| B_VPR_13 | VPR | 4.5 | 446376.1 | 4815893.9 | 795 | BT_13 | 3096 | 37.4 | 38.8 | 38.8 | 38.8 | 38.8 | - | - | - | - | - | - |
| B_VPR_14 | VPR | 4.5 | 446455.8 | 4814868.4 | 807 | BT_15 | 3197 | 36.8 | 38.2 | 38.2 | 38.2 | 38.2 | - | - | - | - | - | - |
| B_VPR_15 | VPR | 4.5 | 446492.5 | 4813192.5 | 892 | BT_17 | 4046 | 36.9 | 38.3 | 38.3 | 38.3 | 38.3 | - | - | - | - | - | - |
| B_VPR_16 | VPR | 4.5 | 446654.3 | 4813471.8 | 860 | BT_17 | 3739 | 37.0 | 38.4 | 38.5 | 38.5 | 38.5 | - | - | - | - | - | - |
| B_VPR_17 | VPR | 4.5 | 446753.5 | 4812799.2 | 630 | BT_17 | 4146 | 38.8 | 40.2 | 40.2 | 40.2 | 40.2 | - | - | - | - | - | - |
| B_VPR_18 | VPR | 4.5 | 446793.9 | 4815809.3 | 496 | BT_13 | 2680 | 40.4 | 41.8 | 41.9 | 41.9 | 41.9 | - | - | - | - | - | - |
| B_VPR_19 | VPR | 4.5 | 446881.8 | 4811599.4 | 997 | BT_18 | 5046 | 34.4 | 35.9 | 35.9 | 35.9 | 35.9 | - | - | - | - | - | - |
| B_VPR_20 | VPR | 4.5 | 447548.9 | 4820269.4 | 756 | BT_19 | 4746 | 37.1 | 38.5 | 38.6 | 38.6 | 38.6 | - | - | - | - | - | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|---|---|---|----|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPR_21 | VPR | 4.5 | 447624.5 | 4821568.5 | 1155 | BT_19 | 5933 | 32.0 | 33.5 | 33.5 | 33.5 | 33.5 | - | - | - | - | - | - |
| B_VPR_22 | VPR | 4.5 | 447752.4 | 4820456.9 | 499 | BT_19 | 4842 | 39.4 | 40.8 | 40.9 | 40.9 | 40.9 | - | - | - | - | - | - |
| B_VPR_23 | VPR | 4.5 | 447778.6 | 4820012.4 | 724 | BT_20 | 4419 | 37.8 | 39.2 | 39.2 | 39.2 | 39.2 | - | - | - | - | - | - |
| B_VPR_24 | VPR | 4.5 | 447786.3 | 4818782.6 | 1200 | BT_10 | 3313 | 35.7 | 37.1 | 37.2 | 37.2 | 37.2 | - | - | - | - | - | - |
| B_VPR_25 | VPR | 4.5 | 447977.4 | 4817569.8 | 1146 | BT_11 | 2218 | 36.2 | 37.5 | 37.6 | 37.6 | 37.6 | - | - | - | - | - | - |
| B_VPR_26 | VPR | 4.5 | 447982.8 | 4818615.1 | 1184 | BT_22 | 3070 | 35.9 | 37.3 | 37.3 | 37.3 | 37.3 | - | - | - | - | - | - |
| B_VPR_27 | VPR | 4.5 | 448168.5 | 4815717.4 | 966 | BT_24 | 1320 | 38.2 | 39.4 | 39.4 | 39.4 | 39.4 | - | - | - | - | - | - |
| B_VPR_28 | VPR | 4.5 | 448260.4 | 4816967 | 1012 | BT_24 | 1594 | 37.3 | 38.5 | 38.6 | 38.6 | 38.6 | - | - | - | - | - | - |
| B_VPR_29 | VPR | 4.5 | 448363.3 | 4815930.6 | 689 | BT_24 | 1108 | 39.1 | 40.2 | 40.3 | 40.3 | 40.3 | - | - | - | - | - | - |
| B_VPR_30 | VPR | 4.5 | 448411.1 | 4815555.7 | 894 | BT_24 | 1125 | 38.8 | 39.8 | 39.9 | 39.9 | 39.9 | - | - | - | - | - | - |
| B_VPR_31 | VPR | 4.5 | 448484.6 | 4813898.2 | 867 | BT_26 | 2259 | 38.4 | 39.8 | 39.9 | 39.9 | 39.9 | - | - | - | - | - | - |
| B_VPR_32 | VPR | 4.5 | 448572.5 | 4814768.5 | 604 | BT_25 | 1469 | 39.7 | 40.9 | 41.0 | 41.0 | 41.0 | - | - | - | - | - | - |
| B_VPR_33 | VPR | 4.5 | 448616.9 | 4814019.4 | 701 | BT_26 | 2093 | 39.2 | 40.6 | 40.6 | 40.6 | 40.6 | - | - | - | - | - | - |
| B_VPR_34 | VPR | 4.5 | 448620.6 | 4812674.3 | 1294 | BT_18 | 3365 | 35.6 | 37.0 | 37.1 | 37.1 | 37.1 | - | - | - | - | - | - |
| B_VPR_35 | VPR | 4.5 | 448925.6 | 4811913.5 | 885 | BT_40 | 4054 | 35.0 | 36.5 | 36.5 | 36.5 | 36.5 | - | - | - | - | - | - |
| B_VPR_36 | VPR | 4.5 | 448936.6 | 4811737.1 | 757 | BT_40 | 4227 | 35.5 | 36.9 | 37.0 | 37.0 | 37.0 | - | - | - | - | - | - |
| B_VPR_37 | VPR | 4.5 | 449458.5 | 4811814.3 | 550 | BT_40 | 4116 | 38.0 | 39.4 | 39.4 | 39.4 | 39.4 | - | - | - | - | - | - |
| B_VPR_38 | VPR | 4.5 | 449546.7 | 4820903.3 | 1256 | BT_20 | 4974 | 32.2 | 33.6 | 33.7 | 33.7 | 33.7 | - | - | - | - | - | - |
| B_VPR_39 | VPR | 4.5 | 449594.5 | 4811840 | 574 | BT_40 | 4092 | 37.9 | 39.3 | 39.4 | 39.4 | 39.4 | - | - | - | - | - | - |
| B_VPR_40 | VPR | 4.5 | 449715.8 | 4811998 | 752 | BT_40 | 3940 | 37.4 | 38.8 | 38.9 | 38.9 | 38.9 | - | - | - | - | - | - |
| B_VPR_41 | VPR | 4.5 | 449716 | 4819882.9 | 1025 | BT_21 | 3960 | 34.9 | 36.3 | 36.4 | 36.4 | 36.4 | - | - | - | - | - | - |
| B_VPR_42 | VPR | 4.5 | 449843.7 | 4818926.6 | 751 | BT_21 | 3019 | 38.5 | 39.9 | 39.9 | 39.9 | 39.9 | - | - | - | - | - | - |
| B_VPR_43 | VPR | 4.5 | 449866.5 | 4818705.5 | 715 | BT_22 | 2803 | 38.7 | 40.1 | 40.1 | 40.1 | 40.1 | - | - | - | - | - | - |
| B_VPR_44 | VPR | 4.5 | 449906.9 | 4818470.2 | 746 | BT_22 | 2577 | 38.7 | 40.0 | 40.1 | 40.1 | 40.1 | - | - | - | - | - | - |
| B_VPR_45 | VPR | 4.5 | 449907.6 | 4810807.4 | 595 | BT_40 | 5141 | 38.0 | 39.5 | 39.5 | 39.5 | 39.5 | - | - | - | - | - | - |
| B_VPR_46 | VPR | 4.5 | 449932.6 | 4818242.4 | 690 | BT_38 | 2358 | 38.7 | 40.1 | 40.1 | 40.1 | 40.1 | - | - | - | - | - | - |
| B_VPR_47 | VPR | 4.5 | 449985.5 | 4818957.9 | 750 | BT_32 | 3071 | 38.1 | 39.5 | 39.5 | 39.5 | 39.5 | - | - | - | - | - | - |
| B_VPR_48 | VPR | 4.5 | 450150.3 | 4810873.9 | 417 | BT_31 | 5102 | 40.0 | 41.5 | 41.5 | 41.5 | 41.5 | - | - | - | - | - | - |
| B_VPR_49 | VPR | 4.5 | 450152 | 4811905.8 | 794 | BT_30 | 4082 | 36.9 | 38.3 | 38.3 | 38.3 | 38.3 | - | - | - | - | - | - |
| B_VPR_50 | VPR | 4.5 | 450189.4 | 4810630.7 | 450 | BT_31 | 5348 | 39.0 | 40.4 | 40.4 | 40.4 | 40.4 | - | - | - | - | - | - |
| B_VPR_51 | VPR | 4.5 | 450200.9 | 4817643.3 | 782 | BT_34 | 1862 | 38.4 | 39.7 | 39.7 | 39.7 | 39.7 | - | - | - | - | - | - |
| B_VPR_52 | VPR | 4.5 | 450241.4 | 4816011.5 | 903 | BT_39 | 774 | 39.7 | 40.6 | 40.6 | 40.6 | 40.6 | - | - | - | - | - | - |
| B_VPR_53 | VPR | 4.5 | 450284.4 | 4815804.1 | 808 | BT_39 | 823 | 39.5 | 40.4 | 40.5 | 40.5 | 40.5 | - | - | - | - | - | - |
| B_VPR_54 | VPR | 4.5 | 450358.4 | 4816752 | 562 | BT_41 | 1209 | 40.0 | 41.2 | 41.2 | 41.2 | 41.2 | - | - | - | - | - | - |
| B_VPR_55 | VPR | 4.5 | 450406.8 | 4814813.3 | 988 | BT_39 | 1457 | 37.9 | 39.1 | 39.1 | 39.1 | 39.1 | - | - | - | - | - | - |
| B_VPR_56 | VPR | 4.5 | 450432.5 | 4812112 | 692 | BT_30 | 3937 | 36.9 | 38.3 | 38.4 | 38.4 | 38.4 | - | - | - | - | - | - |
| B_VPR_57 | VPR | 4.5 | 450476.6 | 4814390.6 | 680 | BT_28 | 1839 | 38.3 | 39.6 | 39.6 | 39.6 | 39.6 | - | - | - | - | - | - |

| Point of Reception ID | Class | Height (m) | UTM Coordinates | | Distance to Nearest Turbine (m) | Nearest Turbine ID | Distance to Transformer Substation (m) | Calculated Noise Level at Selected Wind Speeds (dBA) | | | | | Noise Level Limit (dBA) | | | | | Compliant or Non-compliant* |
|-----------------------|-------|------------|-----------------|-----------|---------------------------------|--------------------|--|--|------|------|------|------|-------------------------|---|---|---|----|-----------------------------|
| | | | X (m) | Y (m) | | | | 6 | 7 | 8 | 9 | 10 | 6 | 7 | 8 | 9 | 10 | |
| B_VPR_58 | VPR | 4.5 | 450487.6 | 4811946.6 | 862 | BT_30 | 4111 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | - | - | - | - | - | - |
| B_VPR_59 | VPR | 4.5 | 450502.3 | 4814181.2 | 561 | BT_28 | 2030 | 39.0 | 40.4 | 40.4 | 40.4 | 40.4 | - | - | - | - | - | - |
| B_VPR_60 | VPR | 4.5 | 450506 | 4813975.3 | 485 | BT_28 | 2212 | 39.8 | 41.2 | 41.3 | 41.3 | 41.3 | - | - | - | - | - | - |
| B_VPR_61 | VPR | 4.5 | 450553.8 | 4815629.2 | 989 | BT_39 | 1123 | 38.2 | 39.3 | 39.3 | 39.3 | 39.3 | - | - | - | - | - | - |
| B_VPR_62 | VPR | 4.5 | 450645.7 | 4812152.4 | 799 | BT_30 | 3956 | 35.9 | 37.3 | 37.4 | 37.4 | 37.4 | - | - | - | - | - | - |
| B_VPR_63 | VPR | 4.5 | 450671.4 | 4813225.6 | 585 | BT_29 | 2959 | 38.9 | 40.2 | 40.3 | 40.3 | 40.3 | - | - | - | - | - | - |
| B_VPR_64 | VPR | 4.5 | 450700.8 | 4812935.2 | 630 | BT_29 | 3238 | 38.5 | 39.9 | 40.0 | 40.0 | 40.0 | - | - | - | - | - | - |
| B_VPR_65 | VPR | 4.5 | 450726.5 | 4814004.7 | 707 | BT_28 | 2298 | 37.5 | 38.8 | 38.9 | 38.9 | 38.9 | - | - | - | - | - | - |
| B_VPR_66 | VPR | 4.5 | 450792.7 | 4812185.5 | 893 | BT_30 | 3971 | 35.1 | 36.5 | 36.6 | 36.6 | 36.6 | - | - | - | - | - | - |
| B_VPR_67 | VPR | 4.5 | 451917.3 | 4818955.4 | 709 | BT_33 | 3890 | 35.4 | 36.8 | 36.8 | 36.8 | 36.8 | - | - | - | - | - | - |
| B_VPR_68 | VPR | 4.5 | 452126.8 | 4818804.7 | 949 | BT_33 | 3913 | 33.3 | 34.7 | 34.7 | 34.7 | 34.7 | - | - | - | - | - | - |
| B_VPR_69 | VPR | 4.5 | 455651.2 | 4812858 | 3613 | BT_37 | 6901 | 16.8 | 18.7 | 18.8 | 18.8 | 18.8 | - | - | - | - | - | - |

Notes:

- POR – Non-participating Point of Reception
- VPO – Non-participating Vacant Lot Point of Reception
- PR – Participating Point of Reception
- VPR – Participating Vacant Lot Point of Reception
- C – Compliant
- NC – Not Compliant

* The noise impact calculation was limited to source – point of reception distances of 5Km, in such cases the table entries were represented as dashes. Participating receptors are not subject to the MOE noise limits and in these cases the noise limit entries are represented as dashes as well. In either of the above cases assessment of compliance is not required and therefore this entry is also represented as a dash.

9. References

The following references were used in the preparation of this report:

PIBS 4709e, “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities”, Ontario Ministry of the Environment, Queens Printer for Ontario, October 2008.

IEC 61400-11, “Wind turbine generator systems – Part 11: Acoustic noise measurement techniques”, International Electrotechnical Commission, 2006.

ANSI C57.12.90 (IEEE C57.12.90-1993), “IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers and IEEE Guide for Short-Circuit Testing of Distribution and Power Transformers”, Institute of Electrical and Electronics Engineers, Inc., 1993.

Appendix A: Site Plan

Site Plan -> Noise Model : Point of Reception Mapping Table

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 1 | B_POR_148 | Non-participating |
| 2 | B_POR_221 | Non-participating |
| 3 | B_POR_228 | Non-participating |
| 4 | B_POR_134 | Non-participating |
| 5 | B_POR_227 | Non-participating |
| 6 | B_POR_220 | Non-participating |
| 7 | B_VPO_111 | Vacant Lot Non-participating |
| 8 | B_POR_324 | Non-participating |
| 9 | B_VPO_146 | Vacant Lot Non-participating |
| 10 | B_VPO_69 | Vacant Lot Non-participating |
| 11 | B_VPO_161 | Vacant Lot Non-participating |
| 12 | B_VPO_99 | Vacant Lot Non-participating |
| 13 | B_POR_333 | Non-participating |
| 14 | B_POR_129 | Non-participating |
| 15 | B_POR_292 | Non-participating |
| 16 | B_POR_123 | Non-participating |
| 17 | B_POR_320 | Non-participating |
| 18 | B_POR_217 | Non-participating |
| 19 | B_POR_219 | Non-participating |
| 20 | B_VPO_68 | Vacant Lot Non-participating |
| 21 | B_POR_226 | Non-participating |
| 22 | B_POR_222 | Non-participating |
| 23 | B_VPO_129 | Vacant Lot Non-participating |
| 24 | B_VPO_76 | Vacant Lot Non-participating |
| 25 | B_VPO_133 | Vacant Lot Non-participating |
| 26 | B_POR_282 | Non-participating |
| 27 | B_POR_325 | Non-participating |
| 28 | B_VPO_75 | Vacant Lot Non-participating |
| 29 | B_POR_326 | Non-participating |
| 30 | B_VPO_112 | Vacant Lot Non-participating |
| 31 | B_VPO_132 | Vacant Lot Non-participating |
| 32 | B_VPO_74 | Vacant Lot Non-participating |
| 33 | B_POR_216 | Non-participating |
| 34 | B_VPO_107 | Vacant Lot Non-participating |
| 35 | B_POR_127 | Non-participating |
| 36 | B_PR_50 | Participating |
| 37 | B_PR_49 | Participating |
| 38 | B_VPO_71 | Vacant Lot Non-participating |
| 39 | B_VPO_66 | Vacant Lot Non-participating |
| 40 | B_VPO_141 | Vacant Lot Non-participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 41 | B_POR_281 | Non-participating |
| 42 | B_POR_225 | Non-participating |
| 43 | B_PR_24 | Participating |
| 44 | B_POR_224 | Non-participating |
| 45 | B_POR_323 | Non-participating |
| 46 | B_POR_207 | Non-participating |
| 47 | B_POR_113 | Non-participating |
| 48 | B_VPO_67 | Vacant Lot Non-participating |
| 49 | B_VPO_127 | Vacant Lot Non-participating |
| 50 | B_VPO_140 | Vacant Lot Non-participating |
| 51 | B_VPO_109 | Vacant Lot Non-participating |
| 52 | B_VPO_131 | Vacant Lot Non-participating |
| 53 | B_VPO_108 | Vacant Lot Non-participating |
| 54 | B_POR_279 | Non-participating |
| 55 | B_VPO_143 | Vacant Lot Non-participating |
| 56 | B_PR_56 | Participating |
| 57 | B_POR_198 | Non-participating |
| 58 | B_POR_218 | Non-participating |
| 59 | B_VPR_50 | Vacant Lot Participating |
| 60 | B_POR_223 | Non-participating |
| 61 | B_VPO_128 | Vacant Lot Non-participating |
| 62 | B_POR_277 | Non-participating |
| 63 | B_VPR_45 | Vacant Lot Participating |
| 64 | B_VPR_48 | Vacant Lot Participating |
| 65 | B_VPO_126 | Vacant Lot Non-participating |
| 66 | B_POR_138 | Non-participating |
| 67 | B_POR_49 | Non-participating |
| 68 | B_POR_50 | Non-participating |
| 69 | B_POR_52 | Non-participating |
| 70 | B_PR_59 | Participating |
| 71 | B_POR_46 | Non-participating |
| 72 | B_POR_137 | Non-participating |
| 73 | B_POR_136 | Non-participating |
| 74 | B_POR_86 | Non-participating |
| 75 | B_VPO_60 | Vacant Lot Non-participating |
| 76 | B_VPO_80 | Vacant Lot Non-participating |
| 77 | B_POR_119 | Non-participating |
| 78 | B_VPO_83 | Vacant Lot Non-participating |
| 79 | B_POR_165 | Non-participating |
| 80 | B_VPO_59 | Vacant Lot Non-participating |
| 81 | B_POR_121 | Non-participating |
| 82 | B_VPO_78 | Vacant Lot Non-participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 83 | B_PR_19 | Participating |
| 84 | B_PR_29 | Participating |
| 85 | B_POR_192 | Non-participating |
| 86 | B_POR_205 | Non-participating |
| 87 | B_VPO_104 | Vacant Lot Non-participating |
| 88 | B_VPR_4 | Vacant Lot Participating |
| 89 | B_POR_209 | Non-participating |
| 90 | B_POR_215 | Non-participating |
| 91 | B_VPO_98 | Vacant Lot Non-participating |
| 92 | B_PR_26 | Participating |
| 93 | B_POR_194 | Non-participating |
| 94 | B_POR_212 | Non-participating |
| 95 | B_POR_195 | Non-participating |
| 96 | B_POR_197 | Non-participating |
| 97 | B_POR_199 | Non-participating |
| 98 | B_POR_204 | Non-participating |
| 99 | B_POR_149 | Non-participating |
| 100 | B_POR_208 | Non-participating |
| 101 | B_VPO_105 | Vacant Lot Non-participating |
| 102 | B_POR_206 | Non-participating |
| 103 | B_POR_203 | Non-participating |
| 104 | B_VPO_106 | Vacant Lot Non-participating |
| 105 | B_POR_248 | Non-participating |
| 106 | B_VPR_19 | Vacant Lot Participating |
| 107 | B_POR_249 | Non-participating |
| 108 | B_POR_201 | Non-participating |
| 109 | B_PR_20 | Participating |
| 110 | B_POR_202 | Non-participating |
| 111 | B_POR_269 | Non-participating |
| 112 | B_POR_214 | Non-participating |
| 113 | B_VPO_113 | Vacant Lot Non-participating |
| 114 | B_POR_213 | Non-participating |
| 115 | B_POR_241 | Non-participating |
| 116 | B_VPO_118 | Vacant Lot Non-participating |
| 117 | B_POR_276 | Non-participating |
| 118 | B_POR_270 | Non-participating |
| 119 | B_VPR_36 | Vacant Lot Participating |
| 120 | B_POR_234 | Non-participating |
| 121 | B_POR_275 | Non-participating |
| 122 | B_POR_235 | Non-participating |
| 123 | B_VPR_37 | Vacant Lot Participating |
| 124 | B_VPR_39 | Vacant Lot Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 125 | B_VPO_136 | Vacant Lot Non-participating |
| 126 | B_POR_244 | Non-participating |
| 127 | B_VPO_138 | Vacant Lot Non-participating |
| 128 | B_POR_318 | Non-participating |
| 129 | B_VPR_49 | Vacant Lot Participating |
| 130 | B_VPR_35 | Vacant Lot Participating |
| 131 | B_POR_301 | Non-participating |
| 132 | B_POR_247 | Non-participating |
| 133 | B_VPR_58 | Vacant Lot Participating |
| 134 | B_VPO_153 | Vacant Lot Non-participating |
| 135 | B_VPR_40 | Vacant Lot Participating |
| 136 | B_VPO_157 | Vacant Lot Non-participating |
| 137 | B_PR_57 | Participating |
| 138 | B_VPR_56 | Vacant Lot Participating |
| 139 | B_VPO_168 | Vacant Lot Non-participating |
| 140 | B_VPR_62 | Vacant Lot Participating |
| 141 | B_VPO_166 | Vacant Lot Non-participating |
| 142 | B_VPO_156 | Vacant Lot Non-participating |
| 143 | B_VPR_66 | Vacant Lot Participating |
| 144 | B_VPO_165 | Vacant Lot Non-participating |
| 145 | B_PR_48 | Participating |
| 146 | B_VPO_167 | Vacant Lot Non-participating |
| 147 | B_VPO_169 | Vacant Lot Non-participating |
| 148 | B_VPO_103 | Vacant Lot Non-participating |
| 149 | B_POR_278 | Non-participating |
| 150 | B_POR_191 | Non-participating |
| 151 | B_POR_274 | Non-participating |
| 152 | B_PR_22 | Participating |
| 153 | B_VPO_102 | Vacant Lot Non-participating |
| 154 | B_VPR_34 | Vacant Lot Participating |
| 155 | B_POR_267 | Non-participating |
| 156 | B_VPO_101 | Vacant Lot Non-participating |
| 157 | B_VPO_155 | Vacant Lot Non-participating |
| 158 | B_POR_189 | Non-participating |
| 159 | B_VPR_17 | Vacant Lot Participating |
| 160 | B_POR_273 | Non-participating |
| 161 | B_POR_196 | Non-participating |
| 162 | B_VPR_64 | Vacant Lot Participating |
| 163 | B_POR_185 | Non-participating |
| 164 | B_POR_272 | Non-participating |
| 165 | B_POR_271 | Non-participating |
| 166 | B_PR_43 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 167 | B_VPO_154 | Vacant Lot Non-participating |
| 168 | B_VPR_15 | Vacant Lot Participating |
| 169 | B_VPR_63 | Vacant Lot Participating |
| 170 | B_POR_193 | Non-participating |
| 171 | B_POR_190 | Non-participating |
| 172 | B_PR_52 | Participating |
| 173 | B_PR_14 | Participating |
| 174 | B_VPO_73 | Vacant Lot Non-participating |
| 175 | B_VPR_16 | Vacant Lot Participating |
| 176 | B_PR_47 | Participating |
| 177 | B_VPO_152 | Vacant Lot Non-participating |
| 178 | B_POR_266 | Non-participating |
| 179 | B_POR_427 | Non-participating |
| 180 | B_POR_181 | Non-participating |
| 181 | B_POR_438 | Non-participating |
| 182 | B_POR_200 | Non-participating |
| 183 | B_PR_44 | Participating |
| 184 | B_VPO_209 | Vacant Lot Non-participating |
| 185 | B_VPR_31 | Vacant Lot Participating |
| 186 | B_VPR_60 | Vacant Lot Participating |
| 187 | B_POR_182 | Non-participating |
| 188 | B_POR_183 | Non-participating |
| 189 | B_VPR_65 | Vacant Lot Participating |
| 190 | B_VPO_194 | Vacant Lot Non-participating |
| 191 | B_VPR_33 | Vacant Lot Participating |
| 192 | B_POR_434 | Non-participating |
| 193 | B_VPO_207 | Vacant Lot Non-participating |
| 194 | B_PR_18 | Participating |
| 195 | B_VPO_159 | Vacant Lot Non-participating |
| 196 | B_POR_265 | Non-participating |
| 197 | B_VPO_162 | Vacant Lot Non-participating |
| 198 | B_VPR_59 | Vacant Lot Participating |
| 199 | B_VPO_151 | Vacant Lot Non-participating |
| 200 | B_POR_173 | Non-participating |
| 201 | B_VPO_163 | Vacant Lot Non-participating |
| 202 | B_POR_188 | Non-participating |
| 203 | B_POR_175 | Non-participating |
| 204 | B_POR_263 | Non-participating |
| 205 | B_POR_262 | Non-participating |
| 206 | B_VPR_57 | Vacant Lot Participating |
| 207 | B_POR_471 | Non-participating |
| 208 | B_PR_16 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 209 | B_POR_261 | Non-participating |
| 210 | B_PR_45 | Participating |
| 211 | B_VPO_196 | Vacant Lot Non-participating |
| 212 | B_VPO_221 | Vacant Lot Non-participating |
| 213 | B_PR_46 | Participating |
| 214 | B_PR_17 | Participating |
| 215 | B_POR_419 | Non-participating |
| 216 | B_POR_184 | Non-participating |
| 217 | B_POR_424 | Non-participating |
| 218 | B_POR_179 | Non-participating |
| 219 | B_POR_176 | Non-participating |
| 220 | B_POR_436 | Non-participating |
| 221 | B_POR_330 | Non-participating |
| 222 | B_VPO_224 | Vacant Lot Non-participating |
| 223 | B_VPR_32 | Vacant Lot Participating |
| 224 | B_VPO_193 | Vacant Lot Non-participating |
| 225 | B_POR_472 | Non-participating |
| 226 | B_VPR_55 | Vacant Lot Participating |
| 227 | B_VPO_150 | Vacant Lot Non-participating |
| 228 | B_VPR_14 | Vacant Lot Participating |
| 229 | B_VPO_192 | Vacant Lot Non-participating |
| 230 | B_POR_256 | Non-participating |
| 231 | B_POR_335 | Non-participating |
| 232 | B_POR_264 | Non-participating |
| 233 | B_POR_429 | Non-participating |
| 234 | B_VPO_149 | Vacant Lot Non-participating |
| 235 | B_POR_432 | Non-participating |
| 236 | B_POR_433 | Non-participating |
| 237 | B_POR_180 | Non-participating |
| 238 | B_POR_431 | Non-participating |
| 239 | B_POR_328 | Non-participating |
| 240 | B_VPO_32 | Vacant Lot Non-participating |
| 241 | B_POR_423 | Non-participating |
| 242 | B_PR_39 | Participating |
| 243 | B_PR_41 | Participating |
| 244 | B_PR_13 | Participating |
| 245 | B_VPO_223 | Vacant Lot Non-participating |
| 246 | B_VPO_147 | Vacant Lot Non-participating |
| 247 | B_PR_72 | Participating |
| 248 | B_POR_35 | Non-participating |
| 249 | B_VPO_91 | Vacant Lot Non-participating |
| 250 | B_PR_73 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 251 | B_POR_117 | Non-participating |
| 252 | B_POR_36 | Non-participating |
| 253 | B_VPO_33 | Vacant Lot Non-participating |
| 254 | B_VPR_30 | Vacant Lot Participating |
| 255 | B_POR_250 | Non-participating |
| 256 | B_PR_66 | Participating |
| 257 | B_POR_143 | Non-participating |
| 258 | B_VPR_61 | Vacant Lot Participating |
| 259 | B_POR_260 | Non-participating |
| 260 | B_VPR_27 | Vacant Lot Participating |
| 261 | B_VPO_34 | Vacant Lot Non-participating |
| 262 | B_PR_71 | Participating |
| 263 | B_VPO_222 | Vacant Lot Non-participating |
| 264 | B_POR_426 | Non-participating |
| 265 | B_VPR_53 | Vacant Lot Participating |
| 266 | B_VPR_18 | Vacant Lot Participating |
| 267 | B_POR_174 | Non-participating |
| 268 | B_POR_259 | Non-participating |
| 269 | B_POR_45 | Non-participating |
| 270 | B_VPR_13 | Vacant Lot Participating |
| 271 | B_VPR_29 | Vacant Lot Participating |
| 272 | B_POR_37 | Non-participating |
| 273 | B_VPO_220 | Vacant Lot Non-participating |
| 274 | B_POR_257 | Non-participating |
| 275 | B_POR_337 | Non-participating |
| 276 | B_VPR_52 | Vacant Lot Participating |
| 277 | B_PR_37 | Participating |
| 278 | B_POR_258 | Non-participating |
| 279 | B_VPO_100 | Vacant Lot Non-participating |
| 280 | B_POR_339 | Non-participating |
| 281 | B_POR_476 | Non-participating |
| 282 | B_POR_338 | Non-participating |
| 283 | B_POR_172 | Non-participating |
| 284 | B_POR_410 | Non-participating |
| 285 | B_POR_187 | Non-participating |
| 286 | B_POR_428 | Non-participating |
| 287 | B_VPR_9 | Vacant Lot Participating |
| 288 | B_POR_254 | Non-participating |
| 289 | B_POR_44 | Non-participating |
| 290 | B_VPR_11 | Vacant Lot Participating |
| 291 | B_POR_468 | Non-participating |
| 292 | B_PR_64 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 293 | B_POR_475 | Non-participating |
| 294 | B_VPO_36 | Vacant Lot Non-participating |
| 295 | B_PR_67 | Participating |
| 296 | B_VPR_10 | Vacant Lot Participating |
| 297 | B_VPO_188 | Vacant Lot Non-participating |
| 298 | B_PR_40 | Participating |
| 299 | B_VPO_122 | Vacant Lot Non-participating |
| 300 | B_VPO_213 | Vacant Lot Non-participating |
| 301 | B_POR_416 | Non-participating |
| 302 | B_POR_422 | Non-participating |
| 303 | B_POR_178 | Non-participating |
| 304 | B_PR_6 | Participating |
| 305 | B_POR_177 | Non-participating |
| 306 | B_POR_40 | Non-participating |
| 307 | B_POR_53 | Non-participating |
| 308 | B_POR_39 | Non-participating |
| 309 | B_PR_32 | Participating |
| 310 | B_VPR_54 | Vacant Lot Participating |
| 311 | B_PR_35 | Participating |
| 312 | B_VPO_217 | Vacant Lot Non-participating |
| 313 | B_PR_33 | Participating |
| 314 | B_POR_418 | Non-participating |
| 315 | B_VPO_37 | Vacant Lot Non-participating |
| 316 | B_POR_170 | Non-participating |
| 317 | B_POR_47 | Non-participating |
| 318 | B_PR_63 | Participating |
| 319 | B_VPO_31 | Vacant Lot Non-participating |
| 320 | B_POR_355 | Non-participating |
| 321 | B_PR_62 | Participating |
| 322 | B_VPR_28 | Vacant Lot Participating |
| 323 | B_POR_354 | Non-participating |
| 324 | B_PR_58 | Participating |
| 325 | B_VPO_185 | Vacant Lot Non-participating |
| 326 | B_POR_425 | Non-participating |
| 327 | B_POR_51 | Non-participating |
| 328 | B_PR_61 | Participating |
| 329 | B_PR_12 | Participating |
| 330 | B_POR_169 | Non-participating |
| 331 | B_PR_65 | Participating |
| 332 | B_VPO_39 | Vacant Lot Non-participating |
| 333 | B_PR_38 | Participating |
| 334 | B_PR_36 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 335 | B_POR_412 | Non-participating |
| 336 | B_POR_420 | Non-participating |
| 337 | B_POR_321 | Non-participating |
| 338 | B_VPO_216 | Vacant Lot Non-participating |
| 339 | B_POR_167 | Non-participating |
| 340 | B_VPO_35 | Vacant Lot Non-participating |
| 341 | B_PR_10 | Participating |
| 342 | B_POR_166 | Non-participating |
| 343 | B_POR_319 | Non-participating |
| 344 | B_POR_43 | Non-participating |
| 345 | B_VPO_144 | Vacant Lot Non-participating |
| 346 | B_VPO_181 | Vacant Lot Non-participating |
| 347 | B_VPO_190 | Vacant Lot Non-participating |
| 348 | B_VPO_52 | Vacant Lot Non-participating |
| 349 | B_VPO_63 | Vacant Lot Non-participating |
| 350 | B_POR_116 | Non-participating |
| 351 | B_VPR_25 | Vacant Lot Participating |
| 352 | B_VPR_51 | Vacant Lot Participating |
| 353 | B_POR_253 | Non-participating |
| 354 | B_VPO_179 | Vacant Lot Non-participating |
| 355 | B_PR_11 | Participating |
| 356 | B_POR_162 | Non-participating |
| 357 | B_POR_242 | Non-participating |
| 358 | B_POR_245 | Non-participating |
| 359 | B_PR_68 | Participating |
| 360 | B_POR_246 | Non-participating |
| 361 | B_POR_411 | Non-participating |
| 362 | B_POR_413 | Non-participating |
| 363 | B_VPO_123 | Vacant Lot Non-participating |
| 364 | B_POR_160 | Non-participating |
| 365 | B_POR_409 | Non-participating |
| 366 | B_PR_60 | Participating |
| 367 | B_PR_55 | Participating |
| 368 | B_VPR_7 | Vacant Lot Participating |
| 369 | B_PR_27 | Participating |
| 370 | B_PR_28 | Participating |
| 371 | B_POR_347 | Non-participating |
| 372 | B_VPO_121 | Vacant Lot Non-participating |
| 373 | B_PR_8 | Participating |
| 374 | B_VPR_46 | Vacant Lot Participating |
| 375 | B_VPO_142 | Vacant Lot Non-participating |
| 376 | B_PR_69 | Participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 377 | B_POR_405 | Non-participating |
| 378 | B_VPR_44 | Vacant Lot Participating |
| 379 | B_POR_243 | Non-participating |
| 380 | B_VPO_201 | Vacant Lot Non-participating |
| 381 | B_PR_31 | Participating |
| 382 | B_POR_382 | Non-participating |
| 383 | B_POR_415 | Non-participating |
| 384 | B_VPR_6 | Vacant Lot Participating |
| 385 | B_VPR_26 | Vacant Lot Participating |
| 386 | B_PR_9 | Participating |
| 387 | B_VPO_90 | Vacant Lot Non-participating |
| 388 | B_VPO_197 | Vacant Lot Non-participating |
| 389 | B_VPR_43 | Vacant Lot Participating |
| 390 | B_VPR_24 | Vacant Lot Participating |
| 391 | B_VPR_68 | Vacant Lot Participating |
| 392 | B_PR_34 | Participating |
| 393 | B_VPR_42 | Vacant Lot Participating |
| 394 | B_VPR_67 | Vacant Lot Participating |
| 395 | B_VPR_47 | Vacant Lot Participating |
| 396 | B_POR_154 | Non-participating |
| 397 | B_PR_7 | Participating |
| 398 | B_VPO_139 | Vacant Lot Non-participating |
| 399 | B_POR_386 | Non-participating |
| 400 | B_POR_314 | Non-participating |
| 401 | B_PR_70 | Participating |
| 402 | B_VPR_5 | Vacant Lot Participating |
| 403 | B_VPO_120 | Vacant Lot Non-participating |
| 404 | B_POR_239 | Non-participating |
| 405 | B_PR_54 | Participating |
| 406 | B_VPO_172 | Vacant Lot Non-participating |
| 407 | B_VPO_117 | Vacant Lot Non-participating |
| 408 | B_PR_5 | Participating |
| 409 | B_PR_30 | Participating |
| 410 | B_POR_315 | Non-participating |
| 411 | B_POR_139 | Non-participating |
| 412 | B_PR_53 | Participating |
| 413 | B_VPO_119 | Vacant Lot Non-participating |
| 414 | B_POR_237 | Non-participating |
| 415 | B_POR_439 | Non-participating |
| 416 | B_POR_240 | Non-participating |
| 417 | B_POR_155 | Non-participating |
| 418 | B_POR_430 | Non-participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 419 | B_VPR_41 | Vacant Lot Participating |
| 420 | B_POR_161 | Non-participating |
| 421 | B_POR_444 | Non-participating |
| 422 | B_VPR_2 | Vacant Lot Participating |
| 423 | B_POR_373 | Non-participating |
| 424 | B_POR_435 | Non-participating |
| 425 | B_VPR_23 | Vacant Lot Participating |
| 426 | B_VPR_8 | Vacant Lot Participating |
| 427 | B_VPO_186 | Vacant Lot Non-participating |
| 428 | B_VPO_171 | Vacant Lot Non-participating |
| 429 | B_POR_421 | Non-participating |
| 430 | B_POR_404 | Non-participating |
| 431 | B_POR_384 | Non-participating |
| 432 | B_POR_406 | Non-participating |
| 433 | B_PR_51 | Participating |
| 434 | B_POR_371 | Non-participating |
| 435 | B_POR_401 | Non-participating |
| 436 | B_POR_396 | Non-participating |
| 437 | B_VPO_170 | Vacant Lot Non-participating |
| 438 | B_POR_370 | Non-participating |
| 439 | B_POR_356 | Non-participating |
| 440 | B_POR_394 | Non-participating |
| 441 | B_POR_238 | Non-participating |
| 442 | B_POR_407 | Non-participating |
| 443 | B_POR_358 | Non-participating |
| 444 | B_POR_369 | Non-participating |
| 445 | B_VPO_187 | Vacant Lot Non-participating |
| 446 | B_POR_392 | Non-participating |
| 447 | B_POR_400 | Non-participating |
| 448 | B_POR_388 | Non-participating |
| 449 | B_POR_397 | Non-participating |
| 450 | B_POR_368 | Non-participating |
| 451 | B_POR_385 | Non-participating |
| 452 | B_POR_403 | Non-participating |
| 453 | B_POR_380 | Non-participating |
| 454 | B_POR_378 | Non-participating |
| 455 | B_POR_393 | Non-participating |
| 456 | B_POR_390 | Non-participating |
| 457 | B_POR_357 | Non-participating |
| 458 | B_POR_408 | Non-participating |
| 459 | B_POR_402 | Non-participating |
| 460 | B_POR_366 | Non-participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 461 | B_POR_399 | Non-participating |
| 462 | B_POR_365 | Non-participating |
| 463 | B_POR_362 | Non-participating |
| 464 | B_POR_379 | Non-participating |
| 465 | B_POR_395 | Non-participating |
| 466 | B_POR_361 | Non-participating |
| 467 | B_POR_367 | Non-participating |
| 468 | B_VPR_20 | Vacant Lot Participating |
| 469 | B_POR_364 | Non-participating |
| 470 | B_PR_4 | Participating |
| 471 | B_POR_151 | Non-participating |
| 472 | B_POR_389 | Non-participating |
| 473 | B_POR_363 | Non-participating |
| 474 | B_POR_372 | Non-participating |
| 475 | B_POR_360 | Non-participating |
| 476 | B_POR_381 | Non-participating |
| 477 | B_POR_374 | Non-participating |
| 478 | B_VPO_160 | Vacant Lot Non-participating |
| 479 | B_POR_391 | Non-participating |
| 480 | B_POR_375 | Non-participating |
| 481 | B_POR_359 | Non-participating |
| 482 | B_POR_383 | Non-participating |
| 483 | B_POR_377 | Non-participating |
| 484 | B_POR_348 | Non-participating |
| 485 | B_POR_376 | Non-participating |
| 486 | B_VPO_175 | Vacant Lot Non-participating |
| 487 | B_POR_387 | Non-participating |
| 488 | B_POR_349 | Non-participating |
| 489 | B_POR_344 | Non-participating |
| 490 | B_POR_351 | Non-participating |
| 491 | B_VPO_164 | Vacant Lot Non-participating |
| 492 | B_POR_353 | Non-participating |
| 493 | B_POR_352 | Non-participating |
| 494 | B_VPR_22 | Vacant Lot Participating |
| 495 | B_VPO_116 | Vacant Lot Non-participating |
| 496 | B_VPO_176 | Vacant Lot Non-participating |
| 497 | B_POR_343 | Non-participating |
| 498 | B_VPO_173 | Vacant Lot Non-participating |
| 499 | B_POR_350 | Non-participating |
| 500 | B_VPO_158 | Vacant Lot Non-participating |
| 501 | B_VPO_178 | Vacant Lot Non-participating |
| 502 | B_POR_334 | Non-participating |

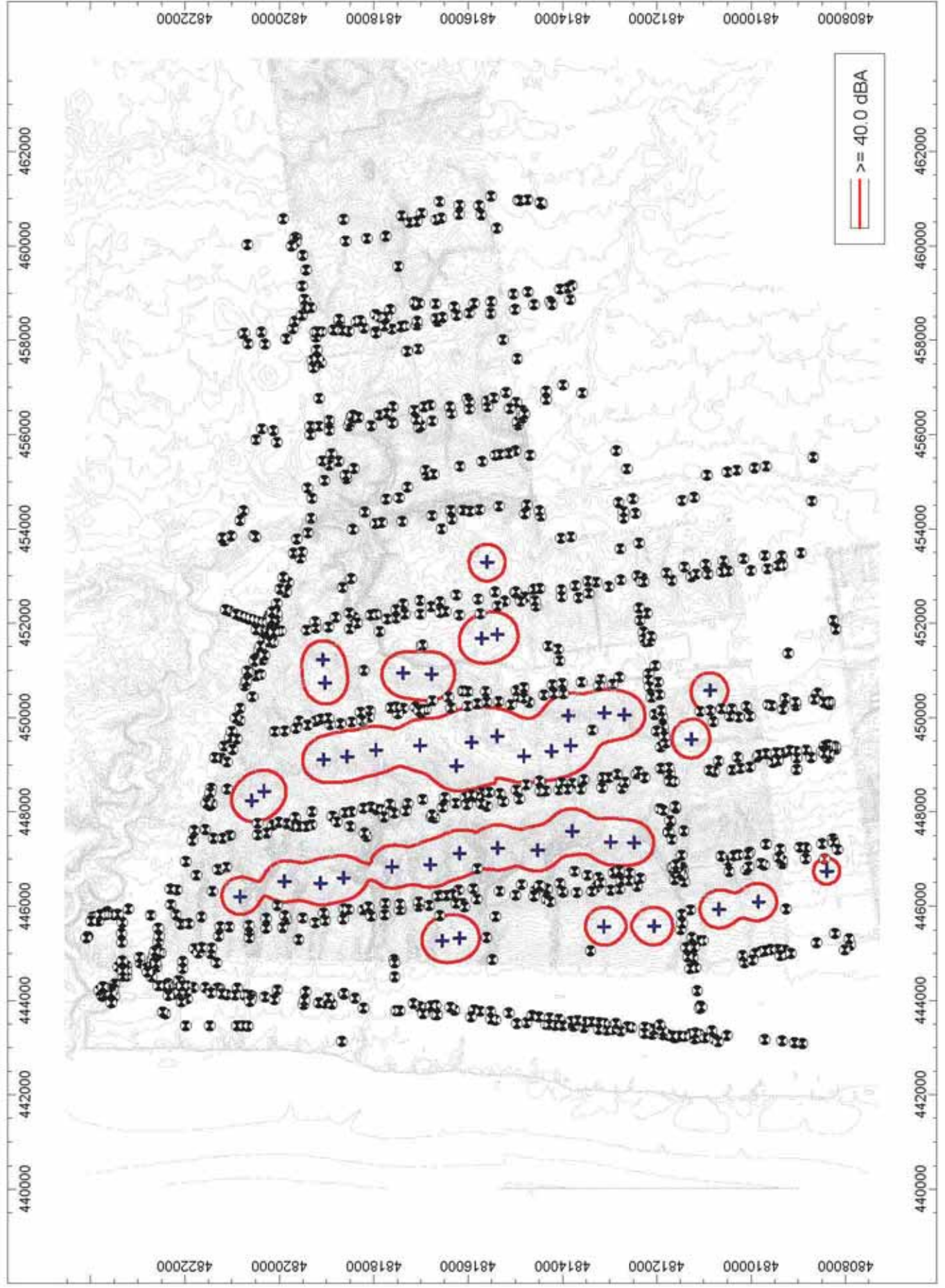
| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 503 | B_POR_146 | Non-participating |
| 504 | B_POR_141 | Non-participating |
| 505 | B_POR_345 | Non-participating |
| 506 | B_VPO_180 | Vacant Lot Non-participating |
| 507 | B_PR_3 | Participating |
| 508 | B_POR_346 | Non-participating |
| 509 | B_POR_342 | Non-participating |
| 510 | B_POR_341 | Non-participating |
| 511 | B_POR_340 | Non-participating |
| 512 | B_VPO_182 | Vacant Lot Non-participating |
| 513 | B_VPO_183 | Vacant Lot Non-participating |
| 514 | B_POR_316 | Non-participating |
| 515 | B_POR_322 | Non-participating |
| 516 | B_VPO_48 | Vacant Lot Non-participating |
| 517 | B_VPR_38 | Vacant Lot Participating |
| 518 | B_POR_317 | Non-participating |
| 519 | B_VPO_135 | Vacant Lot Non-participating |
| 520 | B_VPO_137 | Vacant Lot Non-participating |
| 521 | B_POR_233 | Non-participating |
| 522 | B_POR_313 | Non-participating |
| 523 | B_POR_152 | Non-participating |
| 524 | B_POR_232 | Non-participating |
| 525 | B_PR_42 | Participating |
| 526 | B_POR_283 | Non-participating |
| 527 | B_PR_23 | Participating |
| 528 | B_POR_311 | Non-participating |
| 529 | B_VPO_115 | Vacant Lot Non-participating |
| 530 | B_POR_285 | Non-participating |
| 531 | B_VPR_3 | Vacant Lot Participating |
| 532 | B_POR_210 | Non-participating |
| 533 | B_VPO_85 | Vacant Lot Non-participating |
| 534 | B_POR_93 | Non-participating |
| 535 | B_POR_211 | Non-participating |
| 536 | B_POR_112 | Non-participating |
| 537 | B_POR_286 | Non-participating |
| 538 | B_VPO_114 | Vacant Lot Non-participating |
| 539 | B_VPR_12 | Vacant Lot Participating |
| 540 | B_POR_252 | Non-participating |
| 541 | B_VPO_77 | Vacant Lot Non-participating |
| 542 | B_POR_268 | Non-participating |
| 543 | B_VPO_70 | Vacant Lot Non-participating |
| 544 | B_POR_251 | Non-participating |

| Site Plan ID | Noise Model ID | Point of Reception Type |
|--------------|----------------|------------------------------|
| 545 | B_VPO_125 | Vacant Lot Non-participating |
| 546 | B_POR_255 | Non-participating |
| 547 | B_VPO_124 | Vacant Lot Non-participating |
| 548 | B_VPR_21 | Vacant Lot Participating |
| 549 | B_VPO_79 | Vacant Lot Non-participating |
| 550 | B_POR_156 | Non-participating |
| 551 | B_VPO_72 | Vacant Lot Non-participating |
| 552 | B_PR_21 | Participating |
| 553 | B_POR_131 | Non-participating |
| 554 | B_POR_132 | Non-participating |
| 555 | B_POR_236 | Non-participating |
| 556 | B_POR_230 | Non-participating |
| 557 | B_VPO_87 | Vacant Lot Non-participating |
| 558 | B_PR_25 | Participating |
| 559 | B_VPO_64 | Vacant Lot Non-participating |
| 560 | B_VPO_58 | Vacant Lot Non-participating |
| 561 | B_VPO_86 | Vacant Lot Non-participating |
| 562 | B_POR_186 | Non-participating |
| 563 | B_VPO_94 | Vacant Lot Non-participating |
| 564 | B_POR_171 | Non-participating |
| 565 | B_PR_15 | Participating |
| 566 | B_VPO_84 | Vacant Lot Non-participating |
| 567 | B_POR_150 | Non-participating |
| 568 | B_POR_135 | Non-participating |
| 569 | B_VPO_92 | Vacant Lot Non-participating |

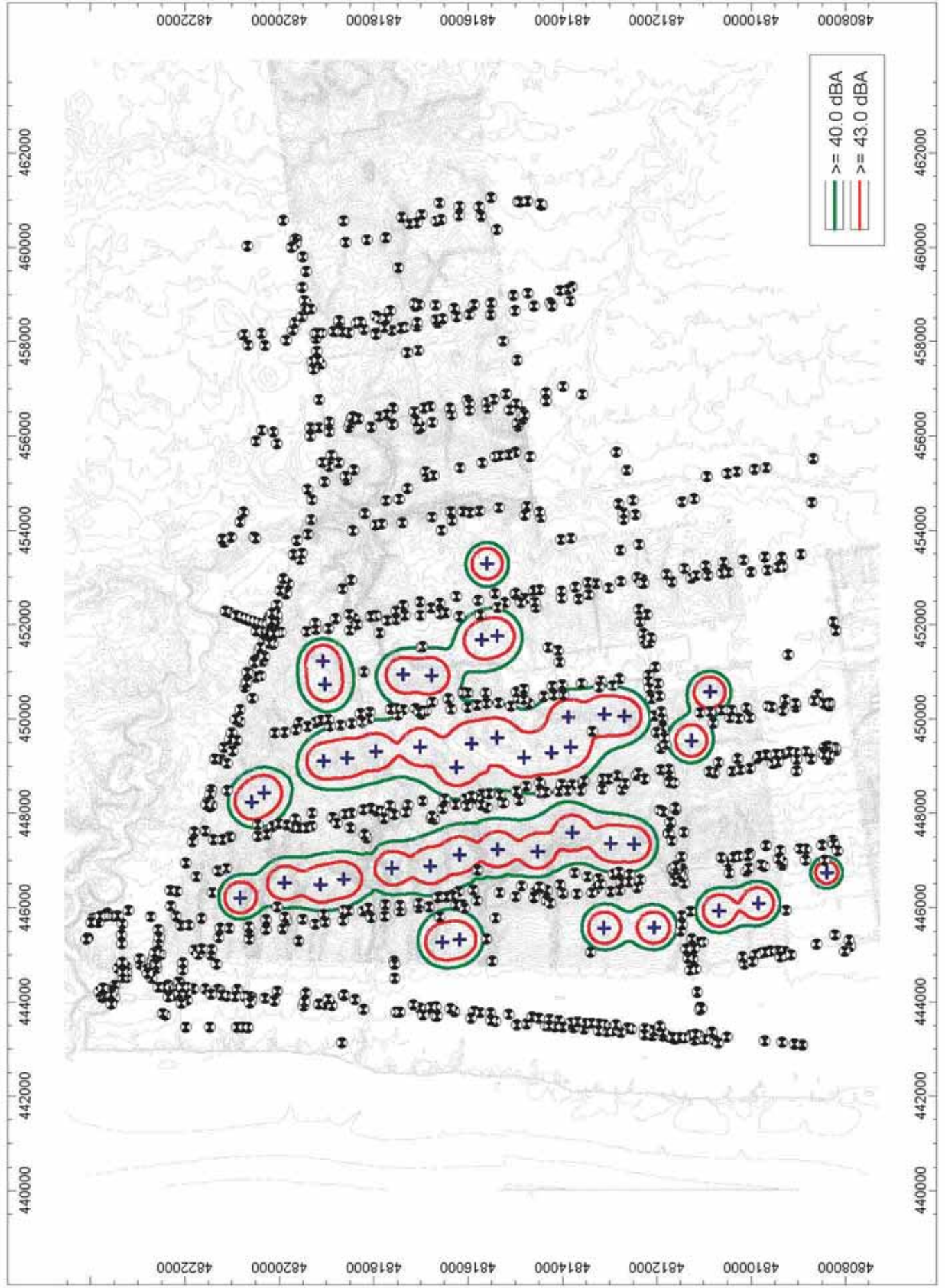
This table and the site plan only include points of reception within 2 kilometres from project related wind turbines which is the minimum requirement of the MOE noise guidelines.

Appendix B: Noise Contour Maps

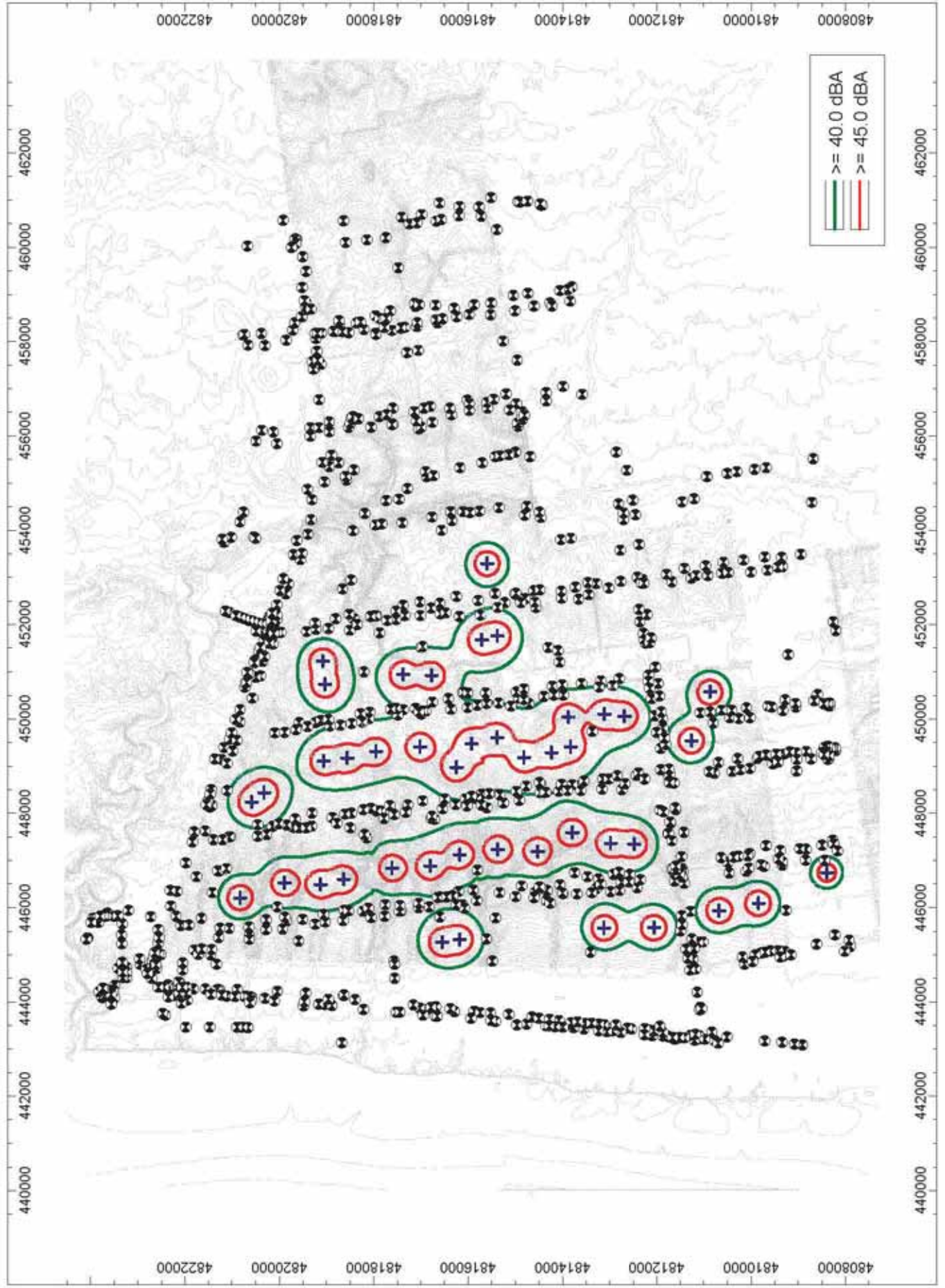
Bluewater Noise Results (Wind Speed = 6m/s)



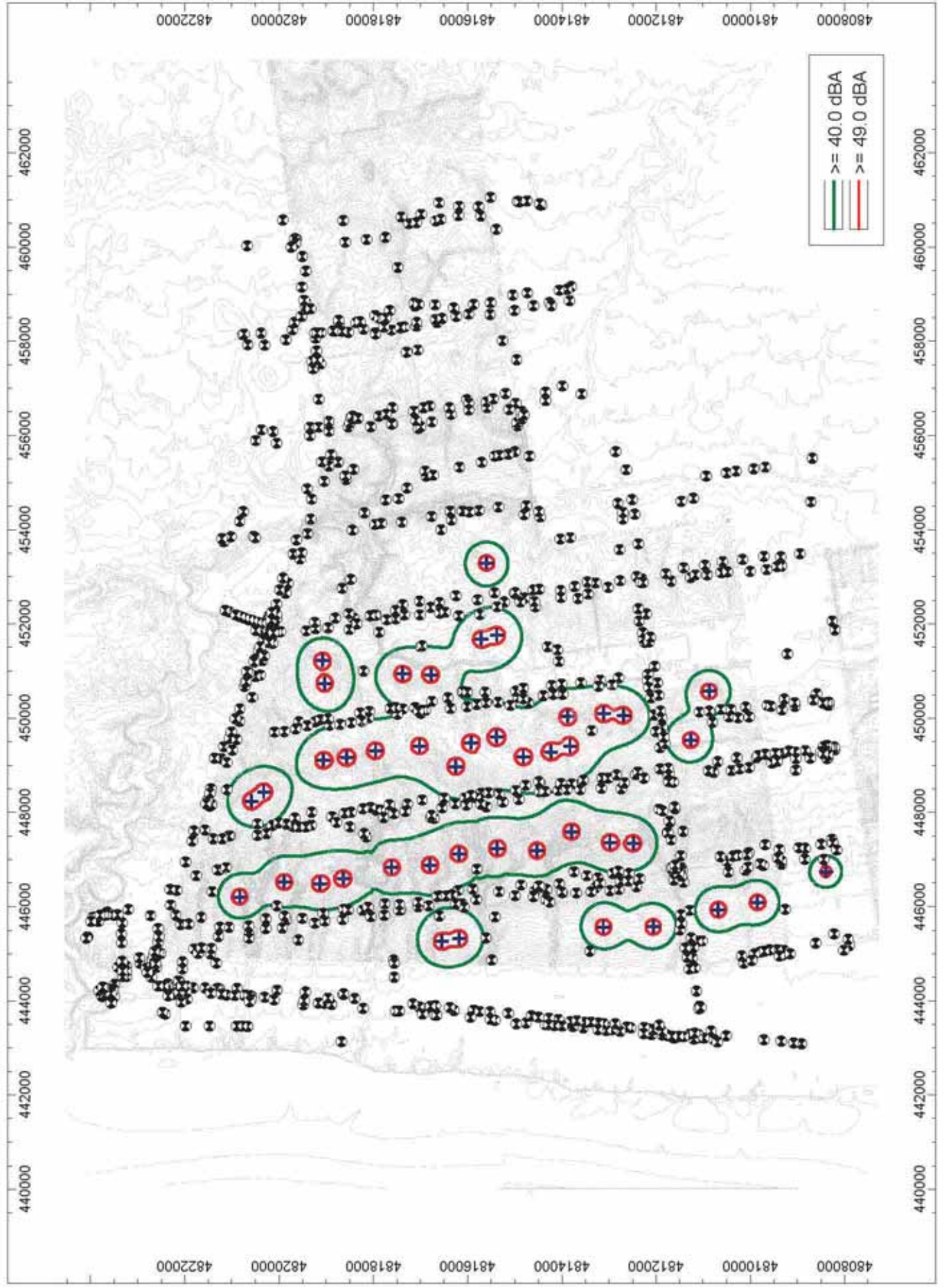
Bluewater Noise Results (Wind Speed = 7m/s)



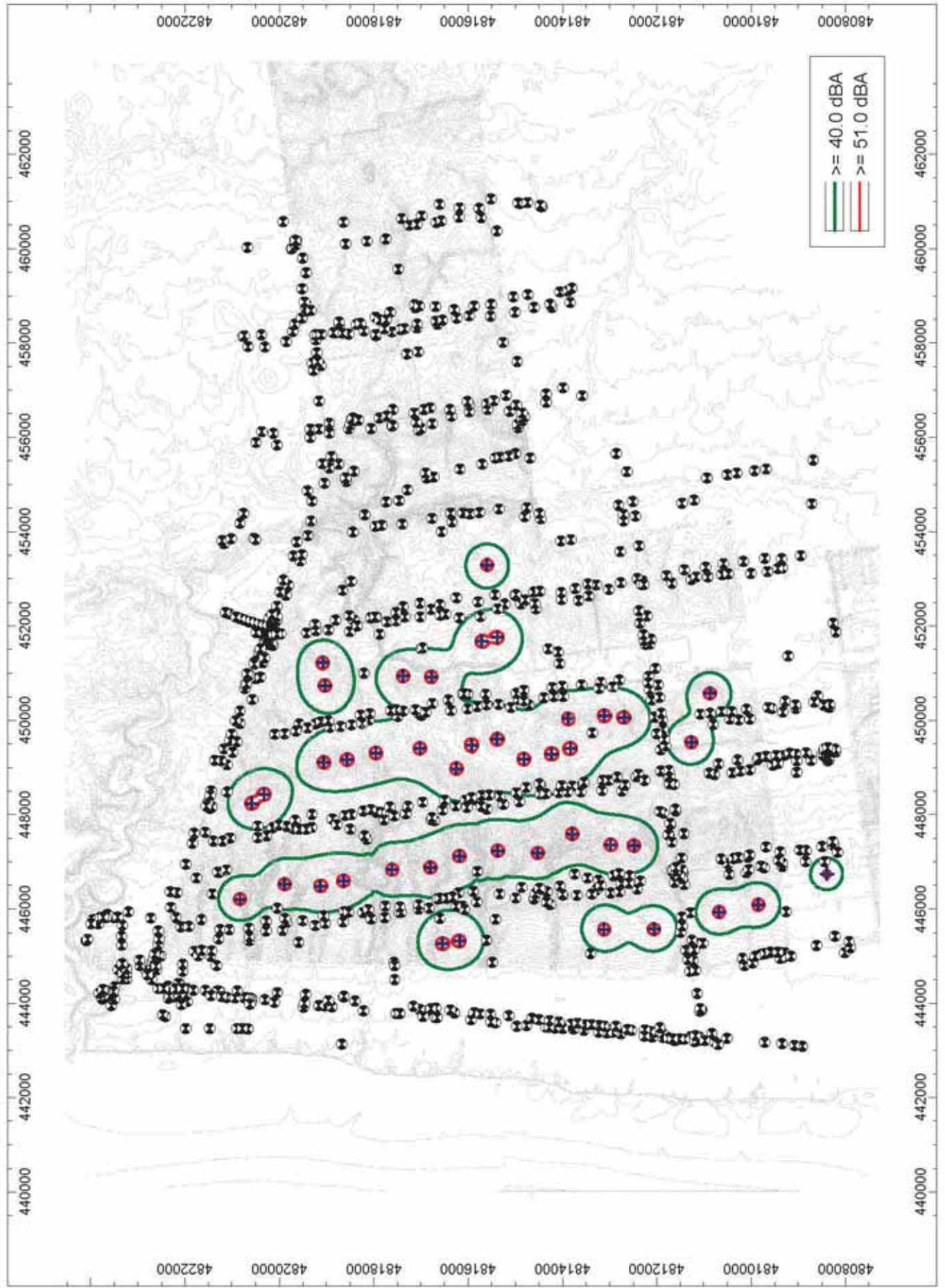
Bluewater Noise Results (Wind Speed = 8m/s)



Bluewater Noise Results (Wind Speed = 9m/s)



Bluewater Noise Results (Wind Speed = 10m/s)



Appendix C: Sample Calculations

Bluewater Noise Results (Wind Speed = 10m/s)

| Configuration | |
|--|--------------------------------|
| Parameter | Value |
| General | |
| Country | International |
| Max. Error (dB) | 0.00 |
| Max. Search Radius (m) | 5000.00 |
| Min. Dist Src to Rcvr | 0.00 |
| Partition | |
| Raster Factor | 0.50 |
| Max. Length of Section (m) | 1000.00 |
| Min. Length of Section (m) | 1.00 |
| Min. Length of Section (%) | 0.00 |
| Proj. Line Sources | On |
| Proj. Area Sources | On |
| Ref. Time | |
| Reference Time Day (min) | 60.00 |
| Reference Time Night (min) | 60.00 |
| Daytime Penalty (dB) | 0.00 |
| Recr. Time Penalty (dB) | 6.00 |
| Night-time Penalty (dB) | 10.00 |
| DTM | |
| Standard Height (m) | 0.00 |
| Model of Terrain | Triangulation |
| Reflection | |
| max. Order of Reflection | 0 |
| Search Radius Src | 100.00 |
| Search Radius Rcvr | 100.00 |
| Max. Distance Source - Rcvr | 1000.00 1000.00 |
| Min. Distance Rcvr - Reflector | 1.00 1.00 |
| Min. Distance Source - Reflector | 0.10 |
| Industrial (ISO 9613) | |
| Lateral Diffraction | some Obj |
| Obst. within Area Src do not shield | On |
| Screening | |
| | Excl. Ground Att. over Barrier |
| | Dz with limit (20/25) |
| Barrier Coefficients C1,2,3 | 3.0 20.0 0.0 |
| Temperature (°C) | 10 |
| rel. Humidity (%) | 70 |
| Ground Absorption G | 0.70 |
| Wind Speed for Dir. (m/s) | 3.0 |
| Roads (RLS-90) | |
| Strictly acc. to RLS-90 | |
| Railways (Schall 03) | |
| Strictly acc. to Schall 03 / Schall-Transrapid | |
| Aircraft (???) | |
| Strictly acc. to AzB | |

Receiver
 Name: Bluewater-Nonparticipating Receptor-1
 ID: B_POR_1
 X: 443180.40
 Y: 4810773.55
 Z: 203.50

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_17" | | | | | | | | | | | | | | | | | | | |
|---|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 447358.00 | 4812978.00 | 338.92 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 84.5 | 0.0 | -4.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -2.7 | -2.7 |
| 2 | 447358.00 | 4812978.00 | 338.92 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 84.5 | 0.5 | -4.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 5.6 | 5.6 |
| 3 | 447358.00 | 4812978.00 | 338.92 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 84.5 | 1.9 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 7.4 | 7.4 |
| 4 | 447358.00 | 4812978.00 | 338.92 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 84.5 | 4.7 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 8.0 | 8.0 |
| 5 | 447358.00 | 4812978.00 | 338.92 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 84.5 | 9.0 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 3.3 | 3.3 |
| 6 | 447358.00 | 4812978.00 | 338.92 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 84.5 | 17.5 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -0.8 | -0.8 |
| 7 | 447358.00 | 4812978.00 | 338.92 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 84.5 | 45.8 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -29.7 | -29.7 |
| 8 | 447358.00 | 4812978.00 | 338.92 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 84.5 | 155.0 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -147.7 | -147.7 |
| 9 | 447358.00 | 4812978.00 | 338.92 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 84.5 | 552.9 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -564.4 | -564.4 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_18" | | | | | | | | | | | | | | | | | | | |
|---|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 447341.00 | 4812484.00 | 335.90 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 84.1 | 0.0 | -4.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -2.4 | -2.4 |
| 2 | 447341.00 | 4812484.00 | 335.90 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 84.1 | 0.5 | -4.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 6.0 | 6.0 |
| 3 | 447341.00 | 4812484.00 | 335.90 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 84.1 | 1.8 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 7.8 | 7.8 |
| 4 | 447341.00 | 4812484.00 | 335.90 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 84.1 | 4.5 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 8.7 | 8.7 |
| 5 | 447341.00 | 4812484.00 | 335.90 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 84.1 | 8.6 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 4.2 | 4.2 |
| 6 | 447341.00 | 4812484.00 | 335.90 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 84.1 | 16.7 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 0.5 | 0.5 |
| 7 | 447341.00 | 4812484.00 | 335.90 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 84.1 | 43.6 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -27.1 | -27.1 |
| 8 | 447341.00 | 4812484.00 | 335.90 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 84.1 | 147.6 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -139.9 | -139.9 |
| 9 | 447341.00 | 4812484.00 | 335.90 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 84.1 | 526.5 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -537.7 | -537.7 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_3" | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 445565.00 | 4813118.00 | 301.00 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 81.5 | 0.0 | -3.7 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -0.4 | -0.4 |
| 2 | 445565.00 | 4813118.00 | 301.00 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 81.5 | 0.3 | -3.7 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 8.1 | 8.1 |
| 3 | 445565.00 | 4813118.00 | 301.00 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 81.5 | 1.3 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 10.7 | 10.7 |
| 4 | 445565.00 | 4813118.00 | 301.00 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 81.5 | 3.3 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 12.2 | 12.2 |
| 5 | 445565.00 | 4813118.00 | 301.00 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 81.5 | 6.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 8.8 | 8.8 |
| 6 | 445565.00 | 4813118.00 | 301.00 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 81.5 | 12.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 7.1 | 7.1 |
| 7 | 445565.00 | 4813118.00 | 301.00 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 81.5 | 32.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -13.5 | -13.5 |
| 8 | 445565.00 | 4813118.00 | 301.00 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 81.5 | 109.7 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -99.6 | -99.6 |
| 9 | 445565.00 | 4813118.00 | 301.00 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 81.5 | 391.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -400.2 | -400.2 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_4" | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 445568.00 | 4812063.00 | 301.35 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 79.7 | 0.0 | -3.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 0.9 | 0.9 |
| 2 | 445568.00 | 4812063.00 | 301.35 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 79.7 | 0.3 | -3.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 9.5 | 9.5 |
| 3 | 445568.00 | 4812063.00 | 301.35 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 79.7 | 1.1 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 12.6 | 12.6 |
| 4 | 445568.00 | 4812063.00 | 301.35 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 79.7 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 14.5 | 14.5 |
| 5 | 445568.00 | 4812063.00 | 301.35 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 79.7 | 5.2 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 11.6 | 11.6 |
| 6 | 445568.00 | 4812063.00 | 301.35 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 79.7 | 10.1 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 11.1 | 11.1 |
| 7 | 445568.00 | 4812063.00 | 301.35 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 79.7 | 26.3 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -5.8 | -5.8 |
| 8 | 445568.00 | 4812063.00 | 301.35 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 79.7 | 89.1 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -77.3 | -77.3 |
| 9 | 445568.00 | 4812063.00 | 301.35 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 79.7 | 317.7 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -324.8 | -324.8 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_5" | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|--------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------|------|------|-------|-------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 445933.00 | 4810683.00 | 301.26 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 79.8 | 0.0 | -3.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 0.8 | 0.8 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_5" | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 2 | 445933.00 | 4810683.00 | 301.26 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 79.8 | 0.3 | -3.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 9.4 | 9.4 |
| 3 | 445933.00 | 4810683.00 | 301.26 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 79.8 | 1.1 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 12.5 | 12.5 |
| 4 | 445933.00 | 4810683.00 | 301.26 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 79.8 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 14.3 | 14.3 |
| 5 | 445933.00 | 4810683.00 | 301.26 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 79.8 | 5.2 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 11.4 | 11.4 |
| 6 | 445933.00 | 4810683.00 | 301.26 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 79.8 | 10.2 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 10.9 | 10.9 |
| 7 | 445933.00 | 4810683.00 | 301.26 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 79.8 | 26.7 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -6.3 | -6.3 |
| 8 | 445933.00 | 4810683.00 | 301.26 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 79.8 | 90.4 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -78.7 | -78.7 |
| 9 | 445933.00 | 4810683.00 | 301.26 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 79.8 | 322.4 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -329.7 | -329.7 |

| Point Source, ISO 9613, Name: "GE 1.6-100", ID: "BT_6" | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 446088.00 | 4809847.00 | 301.57 | 0 | 32 | 77.4 | 77.4 | 0.0 | 0.0 | 80.7 | 0.0 | -3.5 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 0.2 | 0.2 |
| 2 | 446088.00 | 4809847.00 | 301.57 | 0 | 63 | 86.2 | 86.2 | 0.0 | 0.0 | 80.7 | 0.3 | -3.5 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 8.7 | 8.7 |
| 3 | 446088.00 | 4809847.00 | 301.57 | 0 | 125 | 95.1 | 95.1 | 0.0 | 0.0 | 80.7 | 1.2 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 11.6 | 11.6 |
| 4 | 446088.00 | 4809847.00 | 301.57 | 0 | 250 | 96.9 | 96.9 | 0.0 | 0.0 | 80.7 | 3.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 13.2 | 13.2 |
| 5 | 446088.00 | 4809847.00 | 301.57 | 0 | 500 | 95.5 | 95.5 | 0.0 | 0.0 | 80.7 | 5.8 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 10.1 | 10.1 |
| 6 | 446088.00 | 4809847.00 | 301.57 | 0 | 1000 | 99.9 | 99.9 | 0.0 | 0.0 | 80.7 | 11.3 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 9.0 | 9.0 |
| 7 | 446088.00 | 4809847.00 | 301.57 | 0 | 2000 | 99.3 | 99.3 | 0.0 | 0.0 | 80.7 | 29.6 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -10.0 | -10.0 |
| 8 | 446088.00 | 4809847.00 | 301.57 | 0 | 4000 | 90.5 | 90.5 | 0.0 | 0.0 | 80.7 | 100.1 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -89.3 | -89.3 |
| 9 | 446088.00 | 4809847.00 | 301.57 | 0 | 8000 | 71.6 | 71.6 | 0.0 | 0.0 | 80.7 | 357.2 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -365.3 | -365.3 |

| Point Source, ISO 9613, Name: "Zurich Wind Farm", ID: "Z_1" | | | | | | | | | | | | | | | | | | | |
|---|-----------|------------|--------|-------|-------|-------|-------|------|------|------|-------|------|------|-------|------|------|------|--------|--------|
| Nr. | X | Y | Z | Refl. | Freq. | LxT | LxN | K0 | Dc | Adiv | Aatm | Agr | Afol | Ahous | Abar | Cmet | RL | LrT | LrN |
| | (m) | (m) | (m) | | (Hz) | dB(A) | dB(A) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) | dB(A) |
| 1 | 446741.00 | 4808398.00 | 305.27 | 0 | 32 | 0.0 | 0.0 | 0.0 | 0.0 | 83.6 | 0.0 | -4.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -79.3 | -79.3 |
| 2 | 446741.00 | 4808398.00 | 305.27 | 0 | 63 | 78.6 | 78.6 | 0.0 | 0.0 | 83.6 | 0.4 | -4.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -1.2 | -1.2 |
| 3 | 446741.00 | 4808398.00 | 305.27 | 0 | 125 | 84.4 | 84.4 | 0.0 | 0.0 | 83.6 | 1.7 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -2.3 | -2.3 |
| 4 | 446741.00 | 4808398.00 | 305.27 | 0 | 250 | 93.3 | 93.3 | 0.0 | 0.0 | 83.6 | 4.3 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 5.7 | 5.7 |
| 5 | 446741.00 | 4808398.00 | 305.27 | 0 | 500 | 96.8 | 96.8 | 0.0 | 0.0 | 83.6 | 8.1 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 6.3 | 6.3 |
| 6 | 446741.00 | 4808398.00 | 305.27 | 0 | 1000 | 97.9 | 97.9 | 0.0 | 0.0 | 83.6 | 15.8 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -0.3 | -0.3 |
| 7 | 446741.00 | 4808398.00 | 305.27 | 0 | 2000 | 92.7 | 92.7 | 0.0 | 0.0 | 83.6 | 41.5 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -31.2 | -31.2 |
| 8 | 446741.00 | 4808398.00 | 305.27 | 0 | 4000 | 87.6 | 87.6 | 0.0 | 0.0 | 83.6 | 140.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -135.2 | -135.2 |
| 9 | 446741.00 | 4808398.00 | 305.27 | 0 | 8000 | 84.6 | 84.6 | 0.0 | 0.0 | 83.6 | 500.9 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | -498.7 | -498.7 |

Appendix D: Equipment Noise Emission Data

Technical Description of the 1.6-100 Wind Turbine and Major Components

The wind turbine is a three bladed, upwind, horizontal-axis wind turbine with a rotor diameter of 100 m. The turbine rotor and nacelle are mounted on top of a tubular tower giving a rotor hub height of 80m. The machine employs active yaw control (designed to steer the machine with respect to the wind direction), active blade pitch control (designed to regulate turbine rotor speed), and a generator/power electronic converter system.

The wind turbine features a distributed drive train design wherein the major drive train components including main shaft bearings, gearbox, generator, yaw drives, and control panel are attached to a bedplate (see Figure 1).

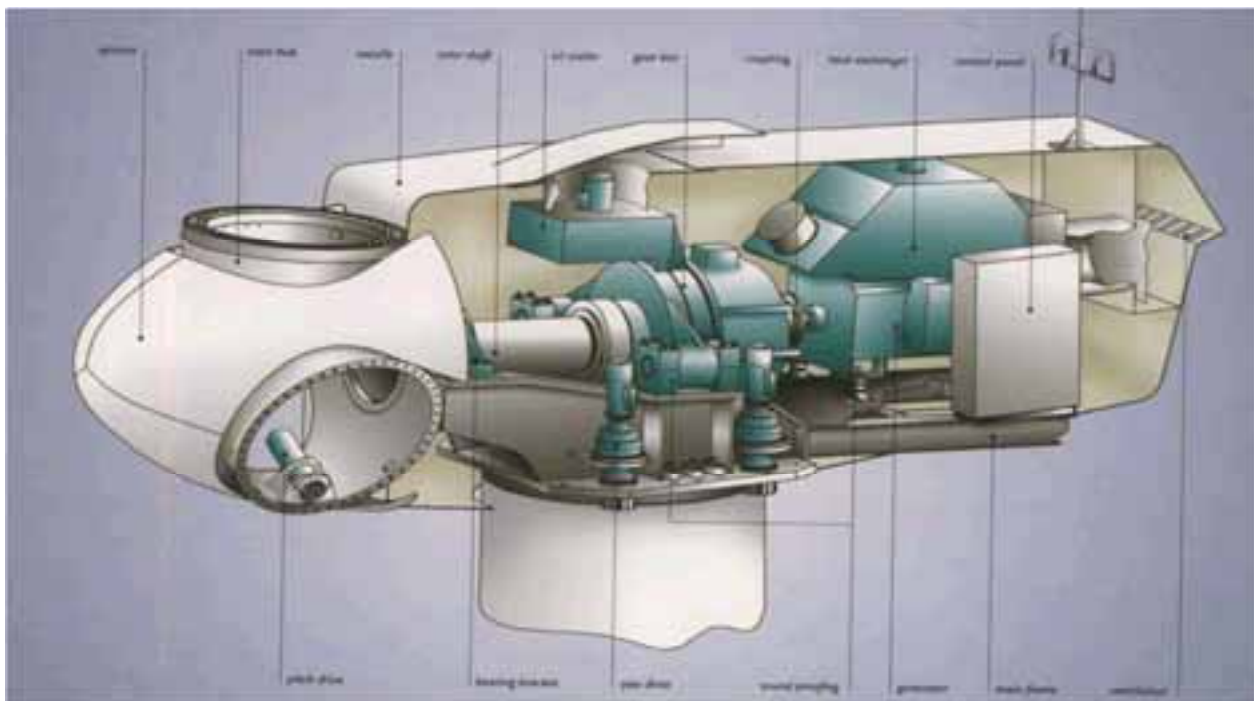


Figure 1: GE Energy 1.6-100 wind turbine nacelle layout

Rotor

The rotor diameter is 100 m, resulting in a swept area of 7,854 m, and is designed to operate between 9.75 and 16.18 revolutions per minute (rpm). Rotor speed is regulated by a combination of blade pitch angle adjustment and generator/converter torque control. The rotor spins in a clock-wise direction under normal operating conditions when viewed from an upwind location.

Full blade pitch angle range is approximately 90°, with the 0°-position being with the airfoil chord line flat to the prevailing wind. The blades being pitched to a full feather pitch angle of approximately 90° accomplishes aerodynamic braking of the rotor; whereby the blades “spill” the wind thus limiting rotor speed.

Blades

There are three rotor blades used on each wind turbine. The airfoils transition along the blade span with the thicker airfoils being located in-board towards the blade root (hub) and gradually tapering to thinner cross sections out towards the blade tip.

Blade Pitch Control System

The rotor utilizes three (one for each blade) independent electric pitch motors and controllers to provide adjustment of the blade pitch angle during operation. Blade pitch angle is adjusted by an electric drive that is mounted inside the rotor hub and is coupled to a ring gear mounted to the inner race of the blade pitch bearing (see Figure 1).

GE's active-pitch controller enables the wind turbine rotor to regulate speed, when above rated wind speed, by allowing the blade to "spill" excess aerodynamic lift. Energy from wind gusts below rated wind speed is captured by allowing the rotor to speed up, transforming this gust energy into kinetic which may then be extracted from the rotor.

Three independent back-up units are provided to power each individual blade pitch system to feather the blades and shut down the machine in the event of a grid line outage or other fault. By having all three blades outfitted with independent pitch systems, redundancy of individual blade aerodynamic braking capability is provided.

Hub

The hub is used to connect the three rotor blades to the turbine main shaft. The hub also houses the three electric blade pitch systems and is mounted directly to the main shaft. Access to the inside of the hub is provided through a hatch.

Gearbox

The gearbox in the wind turbine is designed to transmit power between the low-rpm turbine rotor and high-rpm electric generator. The gearbox is a multi-stage planetary/helical gear design. The gearbox is mounted to the machine bedplate. The gearing is designed to transfer torsional power from the wind turbine rotor to the electric generator. A parking brake is mounted on the high-speed shaft of the gearbox.

Bearings

The blade pitch bearing is designed to allow the blade to pitch about a span-wise pitch axis. The inner race of the blade pitch bearing is outfitted with a blade drive gear that enables the blade to be driven in pitch by an electric gear-driven motor/controller.

The main shaft bearing is a roller bearing mounted in a pillow-block housing arrangement. The bearings used inside the gearbox are of the cylindrical, spherical and tapered roller type. These bearings are designed to provide bearing and alignment of the internal gearing shafts and accommodate radial and axial loads.

Brake System

The electrically actuated individual blade pitch systems act as the main braking system for the wind turbine. Braking under normal operating conditions is accomplished by feathering the blades out of the wind. Any single feathered rotor blade is designed to slow the rotor, and each rotor blade has its own back-up to provide power to the electric drive in the event of a grid line loss.

The turbine is also equipped with a mechanical brake located at the output (high-speed) shaft of the gearbox. This brake is only applied as an auxiliary brake to the main aerodynamic brake and to prevent rotation of the machinery as required by certain service activities.

Generator

The generator is a doubly-fed induction type. The generator meets protection class requirements of the International Standard IP 54 (totally enclosed). The generator is mounted to the bedplate and the mounting is designed so as to reduce vibration and noise transfer to the bedplate.

Flexible Coupling

Designed to protect the drive train from excessive torque loads, a flexible coupling is provided between the generator and gearbox output shaft this is equipped with a torque-limiting device sized to keep the maximum allowable torque below the maximum design limit of the drive train.

Yaw System

A roller bearing attached between the nacelle and tower facilitates yaw motion. Planetary yaw drives (with brakes that engage when the drive is disabled) mesh with the outside gear of the yaw bearing and steer the machine to track the wind in yaw. The automatic yaw brakes engage in order to prevent the yaw drives from seeing peak loads from any turbulent wind.

The controller activates the yaw drives to align the nacelle to the average wind direction based on the wind vane sensor mounted on top of the nacelle.

A cable twist sensor provides a record of nacelle yaw position and cable twisting. After the sensor detects excessive rotation in one direction, the controller automatically brings the rotor to a complete stop, untwists the cable by counter yawing of the nacelle, and restarts the wind turbine.

Tower

The wind turbine is mounted on top of a tubular tower. The tubular tower is manufactured in sections from steel plate. Access to the turbine is through a lockable steel door at the base of the tower. Service platforms are provided. Access to the nacelle is provided by a ladder and a fall arresting safety system is included. Interior lights are installed at critical points from the base of the tower to the tower top.

Nacelle

The nacelle houses the main components of the wind turbine generator. Access from the tower into the nacelle is through the bottom of the nacelle. The nacelle is ventilated. It is illuminated with electric light. A hatch at the front end of the nacelle provides access to the blades and hub. The rotor can be secured in place with a rotor lock.

Anemometer, Wind Vane and Lightning Rod

An anemometer, wind vane and lightning rod are mounted on top of the nacelle housing. Access to these sensors is accomplished through a hatch in the nacelle roof.

Lightning Protection

The rotor blades are equipped with a lightning receptors mounted in the blade. The turbine is grounded and shielded to protect against lightning, however, lightning is an unpredictable force of nature, and it is possible that a lightning strike could damage various components notwithstanding the lightning protection deployed in the machine.

Wind Turbine Control System

The wind turbine machine can be controlled automatically or manually from either an interface located inside the nacelle or from a control box at the bottom of the tower. Control signals can also be sent from a remote computer via a Supervisory Control and Data Acquisition System (SCADA), with local lockout capability provided at the turbine controller.

Service switches at the tower top prevent service personnel at the bottom of the tower from operating certain systems of the turbine while service personnel are in the nacelle. To override any machine operation, Emergency-stop buttons located in the tower base and in the nacelle can be activated to stop the turbine in the event of an emergency.

Power Converter

The wind turbine uses a power converter system that consists of a converter on the rotor side, a DC intermediate circuit, and a power inverter on the grid side.

The converter system consists of a power module and the associated electrical equipment. Variable output frequency of the converter allows operation of the generator.

Technical Data for the 1.6-100

Rotor

| | |
|----------------------|----------------------------|
| Diameter | 100 m |
| Number of blades | 3 |
| Swept area | 7,854 m ² |
| Rotor speed range | 9.75 to 16.18 rpm |
| Rotational direction | Clockwise looking downwind |
| Maximum tip speed | 84.7 m/s |
| Orientation | Upwind |
| Speed regulation | Pitch control |
| Aerodynamic brakes | Full feathering |

Pitch System

| | |
|-----------|---------------------------------|
| Principle | Independent blade pitch control |
| Actuation | Individual electric drive |

Yaw System

| | |
|----------|--------------|
| Yaw rate | 0.5 degree/s |
|----------|--------------|

1.6-100 Calculated Third Octave Band Apparent Sound Power Level LWA,k

Table 1 provides reference values per IEC 61400-11, based on the total apparent sound power level (A-weighted) defined in the general product acoustic specification for this turbine type. The uncertainties for octave sound power levels are generally higher than for total sound power levels. Guidance is given in IEC 61400-11, Annex D. The third octave-band spectra are for information only.

| 1.6-100 with 80 m HH - Normal Operation 3rd Octave Band Spectra | | | | | | | | | |
|---|-------|-------|------|-------|-------|-------|-------|-----------|------|
| Standard WS at 10m [m/s] | 5 | 5.5 | 6 | 6.5 | 7 | 8 | 9 | 10-Cutout | |
| Hub Height WS at 80 m [m/s] | 7 | 7.7 | 8.4 | 9.1 | 9.7 | 11.1 | 12.5 | 14-Cutout | |
| Frequency [Hz] | 25 | 60.2 | 62.2 | 64.2 | 65.9 | 67.6 | 69.1 | 69.2 | 69 |
| | 32 | 63.2 | 65.1 | 67.1 | 68.8 | 70.5 | 72 | 72.1 | 71.9 |
| | 40 | 66.2 | 68.2 | 70.1 | 71.9 | 73.5 | 75.1 | 75.1 | 74.9 |
| | 50 | 69 | 71 | 73 | 74.7 | 76.4 | 77.9 | 78 | 77.8 |
| | 63 | 72 | 73.9 | 75.9 | 77.6 | 79.3 | 80.9 | 80.9 | 80.7 |
| | 80 | 75 | 77 | 78.9 | 80.7 | 82.4 | 83.9 | 83.9 | 83.7 |
| | 100 | 77.5 | 79.5 | 81.5 | 83.2 | 84.9 | 86.4 | 86.5 | 86.3 |
| | 125 | 80 | 82.2 | 84.2 | 86 | 87.9 | 89.8 | 90.1 | 90.2 |
| | 160 | 81.4 | 83.8 | 85.7 | 87.1 | 89.1 | 91.4 | 92.1 | 92.5 |
| | 200 | 82.2 | 84.7 | 86.1 | 86.7 | 88.7 | 91.3 | 92.2 | 92.9 |
| | 250 | 83.7 | 86.2 | 87.2 | 87.1 | 88.6 | 90.7 | 91.6 | 92.2 |
| | 315 | 84.7 | 87.3 | 88.3 | 87.9 | 88.7 | 90 | 90.6 | 91 |
| | 400 | 85 | 87.5 | 88.8 | 88.7 | 89.1 | 89.6 | 89.8 | 89.9 |
| | 500 | 85.2 | 87.9 | 89.6 | 90.1 | 90.6 | 90.7 | 90.5 | 90.3 |
| | 630 | 84.8 | 87.5 | 90 | 91.7 | 92.4 | 92.6 | 92.2 | 91.8 |
| | 800 | 83.9 | 86.6 | 89.7 | 92.4 | 93.7 | 94.3 | 93.9 | 93.5 |
| | 1000 | 82.5 | 85.4 | 89.1 | 92.6 | 94.5 | 95.6 | 95.3 | 95 |
| | 1250 | 81.4 | 84.1 | 88.1 | 92.5 | 94.9 | 96.7 | 96.5 | 96.3 |
| | 1600 | 80.7 | 82.5 | 86.1 | 90.7 | 93.5 | 96 | 95.9 | 95.8 |
| | 2000 | 80.9 | 82.3 | 84.9 | 88.3 | 91.4 | 94.5 | 94.7 | 94.7 |
| 2500 | 80.5 | 81.9 | 83.8 | 86.1 | 88.9 | 91.9 | 92.3 | 92.3 | |
| 3150 | 78.8 | 80.2 | 81.8 | 83.7 | 85.9 | 88.4 | 88.7 | 89.1 | |
| 4000 | 75.6 | 76.9 | 78.4 | 80.2 | 82.1 | 83.8 | 84 | 83.9 | |
| 5000 | 71.4 | 72.5 | 73.9 | 75.5 | 77.2 | 78.7 | 78.7 | 78.4 | |
| 6300 | 65.2 | 65.9 | 67 | 68.6 | 70.3 | 71.7 | 71.8 | 71.2 | |
| 8000 | 55.3 | 55.5 | 56.2 | 57.9 | 59.7 | 61.5 | 62.9 | 60.8 | |
| 10000 | 42.9 | 42.3 | 42.7 | 44.4 | 46.5 | 48.6 | 49 | 48.1 | |
| 12500 | 26.9 | 25.2 | 25.1 | 27.3 | 29.7 | 33.6 | 32.1 | 32.2 | |
| 16000 | 3.7 | 0.4 | -0.4 | 2.2 | 5.2 | 8.9 | 9 | 9.3 | |
| 20000 | -21.9 | -27.3 | -29 | -25.9 | -22.3 | -18.3 | -17.4 | -16.8 | |
| Total apparent sound power | 94.8 | 97.3 | 99.5 | 101.5 | 103.3 | 104.9 | 105 | 105 | |

Table 1: Calculated Apparent Third Octave Band Sound Power Level (A-weighted), 1.6-100 with 80 m hub height as function of Wind Speed v_{10m}

Tonal Audibility

At the reference measuring point R_0 , a ground distance from the turbine base equal to hub height plus half the rotor diameter, the 1.6-100 turbine has an expected value for tonal audibility of $\Delta L_{a,k} < 2$ dB, irrespective of wind speed, hub height, and grid frequency.²

Uncertainty Levels

The apparent sound power levels given above are calculated mean levels. If a wind turbine noise performance test is carried out, it needs to be done in accordance with the regulations of the international standard IEC 61400-11, ed. 2.1: 2006. Uncertainty levels associated with measurements are described in IEC/TS 61400-14.

Per IEC/TS 61400-14, $L_{WA,d}$ is the maximum apparent sound power level resulting from n measurements performed according to IEC 61400-11 standard for 95 % confidence level: $L_{WA,d} = \overline{L_{WA}} + K$, where $\overline{L_{WA}}$ is the mean apparent sound power level from n IEC 61400-11 testing reports and $K = 1,645 \cdot \sigma_T$.

The testing standard deviation values σ_T , σ_R and σ_P for measured apparent sound power level are described by IEC/TS 61400-14 where σ_T is the total standard deviation, σ_P is the standard deviation for product variation and σ_R is the standard deviation for test reproducibility.

Assuming $\sigma_R < 0.8$ dB and $\sigma_P < 0.8$ dB typical values, leads to calculated $K < 2$ dB for 95 % confidence level.

IEC 61400-11 and IEC/TS 61400-14 Terminology

- $L_{WA,k}$ is wind turbine apparent sound power level (referenced to 1^{-12} W) measured with A-weighting as function of reference wind speed v_{10m} . Derived from multiple measurement reports per IEC 61400-11, it is considered as a mean value.
- σ_P is the product variation i.e. the 1.56-100 unit-to-unit product variation; typically < 0.8 dB
- σ_R is the overall measurement testing reproducibility as defined per IEC 61400-11; typically < 0.8 dB with adequate measurement conditions and sufficient amount of data samples
- σ_T is the total standard deviation combining both σ_P and σ_R
- $K = 1,645 \cdot \sigma_T$ is defined by IEC/TS 61400-14 for 95 % confidence level
- R_o is the ground measuring distance from the wind turbine tower axis per IEC 61400-11
- $\Delta L_{a,k}$ is the tonal audibility according to IEC 61400-11, described as potentially audible narrow band sound

GE 1.6 Wind Shear Adjusted Noise Emissions

Night-time Monthly Average Wind Speed Data (2300 to 0700)

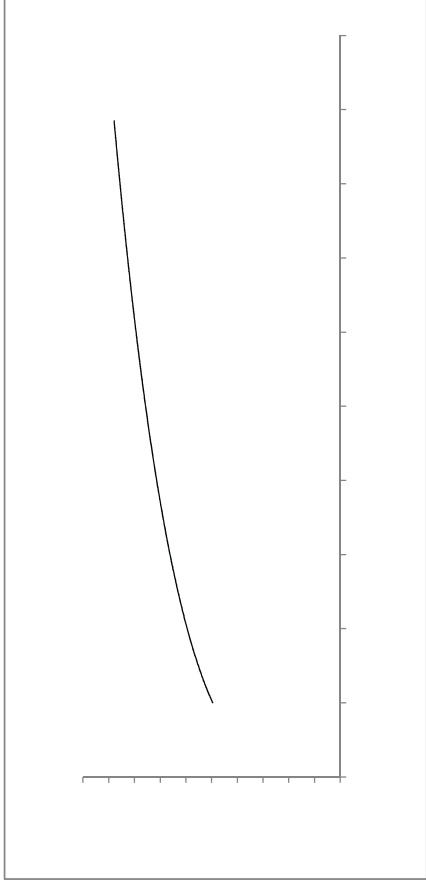
| Data Set | Wind Speed Sensor | Height | Wind Speed (m/s) | | | | | | | | | | | |
|----------|----------------------|--------|------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
| | | | January | February | March | April | May | June | July | August | September | October | November | December |
| 1 | spd_avg_48.5m_W_ch01 | 48.50 | 6.61 | 6.13 | 6.31 | 6.86 | 5.91 | 4.80 | 4.70 | 5.82 | 6.41 | 6.80 | 7.56 | |
| 2 | spd_avg_48.5m_S_ch02 | 48.50 | 6.75 | 6.20 | 6.34 | 6.97 | 5.95 | 4.87 | 4.68 | 5.89 | 6.50 | 6.92 | 7.63 | |
| 3 | spd_avg_41m_W_ch03 | 41.00 | 6.49 | 5.94 | 6.03 | 6.54 | 5.63 | 4.58 | 4.45 | 5.43 | 6.08 | 6.50 | 7.34 | |
| 4 | spd_avg_41m_S_ch04 | 41.00 | 6.45 | 5.89 | 5.98 | 6.60 | 5.71 | 4.63 | 4.45 | 5.50 | 6.09 | 6.59 | 7.29 | |
| 5 | spd_avg_30m_W_ch05 | 30.00 | 6.04 | 5.52 | 5.56 | 6.00 | 5.22 | 4.26 | 4.07 | 4.96 | 5.59 | 6.03 | 6.97 | |
| 6 | spd_avg_10m_W_ch06 | 10.00 | 5.28 | 4.84 | 4.62 | 5.08 | 4.31 | 3.50 | 3.20 | 3.81 | 4.56 | 5.07 | 6.17 | |

Summer Average Night-time Monthly Average Wind Speed - Based on Measurements

| Data Set | Wind Speed Sensor | Height (m) | Vsavg (m/s) | H/H10 | Vsavg/V10 |
|----------|----------------------|------------|-------------|-------|-----------|
| 1 | spd_avg_48.5m_W_ch01 | 48.50 | 5.17 | 4.85 | 1.52 |
| 2 | spd_avg_48.5m_S_ch02 | 48.50 | 5.18 | 4.85 | 1.53 |
| 3 | spd_avg_41.5m_W_ch03 | 41.50 | 4.83 | 4.15 | 1.42 |
| 4 | spd_avg_41.5m_S_ch04 | 41.50 | 4.87 | 4.15 | 1.44 |
| 5 | spd_avg_30m_W_ch05 | 30.00 | 4.39 | 3.00 | 1.29 |
| 6 | spd_avg_10m_W_ch06 | 10.00 | 3.39 | 1.00 | 1.00 |

Model
 $V_{savg}(hub) = V_{savg}(10m)^k$
 $k = C \cdot (H/H10)^{n(n)}$
 C 80
 n 0.9917
 n 0.2627
 k 1.7125

Vsavg - Summer Average Night-time Wind Speed (July, August and Sept)
 V10 - Vsavg at 10m height



Noise Emissions for 10m Wind Speeds

| V10 [m/s] | Vhub [m/s] | Nearest GE Dataset | Row # | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | Lwa [dBA] |
|-----------|------------|--------------------|-----------|------|------|------|------|------|-------|------|------|------|-------|-----------|
| | | | Freq [Hz] | 32 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 16000 | |
| 4 | 7 | 1 | | 68.6 | 77.4 | 84.7 | 88.4 | 89.8 | 87.5 | 85.5 | 81.0 | 65.6 | 26.9 | 94.8 |
| 5 | 9 | 4 | | 74.3 | 83.1 | 90.5 | 92.0 | 95.1 | 97.3 | 93.5 | 85.7 | 69.0 | 27.3 | 101.5 |
| 6 | 10 | 5 | | 76.0 | 84.8 | 92.4 | 93.4 | 96.4 | 99.2 | 96.4 | 87.8 | 70.7 | 29.7 | 103.3 |
| 7 | 12 | 7 | | 77.6 | 86.4 | 94.9 | 96.3 | 95.7 | 100.1 | 99.3 | 90.3 | 72.3 | 32.1 | 105.0 |
| 8 | 14 | 8 | | 77.4 | 86.2 | 95.1 | 96.9 | 95.5 | 99.9 | 99.3 | 90.5 | 71.6 | 32.2 | 105.0 |
| 9 | 15 | 8 | | 77.4 | 86.2 | 95.1 | 96.9 | 95.5 | 99.9 | 99.3 | 90.5 | 71.6 | 32.2 | 105.0 |
| 10 | 17 | 8 | | 77.4 | 86.2 | 95.1 | 96.9 | 95.5 | 99.9 | 99.3 | 90.5 | 71.6 | 32.2 | 105.0 |
| 11 | 19 | 8 | | 77.4 | 86.2 | 95.1 | 96.9 | 95.5 | 99.9 | 99.3 | 90.5 | 71.6 | 32.2 | 105.0 |
| 12 | 21 | 8 | | 77.4 | 86.2 | 95.1 | 96.9 | 95.5 | 99.9 | 99.3 | 90.5 | 71.6 | 32.2 | 105.0 |

Extract I of test report

Extract 1 Page 1 of 2

Master Information „Noise“, according to “Wind turbine generator systems - Part 11: Acoustic noise measurement techniques.”

IEC 61400-11 ED. 2 from 2002 (published by: Central Office of the IEC, Geneva, Switzerland)

Extract of test report WICO 439SEC04/07 regarding noise emission of wind turbine (WT)
type ENERCON E-48 (Mode I), hub height 75.6 m

| General | | Technical specifications (manufacturer) | |
|---|--|---|--------------------------|
| Manufacturer: | ENERCON GmbH Dreekamp 5 D-26605 AURICH | Rated power (generator): | 800 kW |
| Serial number: | 48087 | Rotor diameter: | 48,0 m |
| WT-location: | WP Holtriem RW 25.95.228 HW 59.42.988 | Hub height above ground: | 75,6 m |
| Complementations of rotor (manufacturer) | | Kon. Stahlrohr | Tubular steel tower |
| Manufacturer of rotor blades | | Pitch | pitch/stall/active-stall |
| Complementations of gear and generator (manufacturer) | | | |
| Manufacturer of rotor blades | ENERCON GmbH | Manufacturer of gear: | No |
| Type of blades: | E48/1 | Type of gear: | No |
| Pitch angle: | variabel | Manufacturer of generator: | ENERCON GmbH |
| Number of blades | 3 | Type of generator: | E-48 |
| Rated speed(s)/speed range: | 16 – 29,5 rpm (Mode I) | Rated speed(s): | 16 – 29,5 rpm (Mode I) |

Report power curve: calculated power curve, date: 31.08.2004

| | Reference | | Noise emission parameter | Remarks |
|---|--|----------------|--------------------------|---------|
| | Standardized wind speed at 10 m above ground | Electric power | | |
| Sound power level L_{WA} | 5 ms^{-1} | 182 kW | 94.0* dB(A) | (1) |
| | 6 ms^{-1} | 315 kW | 97.8 dB(A) | |
| | 7 ms^{-1} | 499 kW | 100.3 dB(A) | |
| | 8 ms^{-1} | 671 kW | 101.4 dB(A) | |
| | 8.9 ms^{-1} | 760 kW | 101.9 dB(A) | (2) |
| | 9 ms^{-1} | 765 kW | 102.0 dB(A) | |
| | 9.6 ms^{-1} | 794 kW | 102.1 dB(A) | (3) |
| Tonal components ΔL_a (near proximity) | 10 ms^{-1} | 800 kW | 101.9 dB(A) | (4) |
| | 5 ms^{-1} | 182 kW | No tone | (1) |
| | 6 ms^{-1} | 315 kW | No tone | |
| | 7 ms^{-1} | 499 kW | No tone | |
| | 8 ms^{-1} | 671 kW | No tone | |
| | 8.9 ms^{-1} | 760 kW | No tone | (2) |
| | 9 ms^{-1} | 765 kW | No tone | |
| 9.6 ms^{-1} | 794 kW | No tone | (3) | |
| 10 ms^{-1} | 800 kW | No tone | (4) | |

One third octave sound power level at reference point $v_{10} = 5 \text{ m/s}$ [dB(A)]

| | | | | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L_{WA} | 67.6 | 71.2 | 72.9 | 74.5 | 78.0 | 77.0 | 79.3 | 84.2 | 85.6 | 84.6 | 84.2 | 84.4 |
| L_{WA} | 75.8 | | | 81.5 | | | 88.5 | | | 89.2 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L_{WA} | 82.6 | 82.0 | 81.4 | 79.2 | 78.5 | 76.6 | 75.2 | 74.8 | 73.1 | 72.4 | 70.9 | 67.4 |
| L_{WA} | 86.8 | | | 83.0 | | | 79.2 | | | 75.5 | | |

One third octave sound power level at reference point $v_{10} = 6 \text{ m/s}$ [dB(A)]

| | | | | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L_{WA} | 71.7 | 74.2 | 76.9 | 77.6 | 78.8 | 79.7 | 80.6 | 86.1 | 87.8 | 87.4 | 87.4 | 89.0 |
| L_{WA} | 79.5 | | | 83.6 | | | 90.5 | | | 92.8 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L_{WA} | 88.3 | 88.1 | 86.9 | 84.0 | 82.4 | 80.9 | 79.4 | 79.0 | 78.1 | 77.3 | 74.9 | 72.9 |
| L_{WA} | 92.6 | | | 87.4 | | | 83.6 | | | 80.2 | | |



DAP-PL-2756.00

According to DIN EN ISO 17025 by the DAP German Accreditation System for Testing Ltd. accredited testing laboratory.
The accreditation is valid for test methods listed in the document.

| One third octave sound power level at reference point $v_{10} = 7 \text{ m/s}$ [dB(A)] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L _{WA} | 72.7 | 76.1 | 79.3 | 80.5 | 80.9 | 82.9 | 84.3 | 89.2 | 91.2 | 90.7 | 90.5 | 91.5 |
| L _{WA} | 81.6 | | | 86.3 | | | 93.8 | | | 95.7 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L _{WA} | 90.2 | 89.7 | 87.9 | 85.5 | 84.1 | 82.6 | 81.7 | 81.6 | 80.7 | 80.2 | 79.2 | 76.3 |
| L _{WA} | 94.1 | | | 89.0 | | | 86.1 | | | 83.6 | | |

| One third octave sound power level at reference point $v_{10} = 8 \text{ m/s}$ [dB(A)] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L _{WA} | 70.1 | 74.3 | 77.3 | 79.0 | 81.7 | 82.3 | 84.4 | 90.5 | 92.7 | 92.0 | 91.9 | 92.9 |
| L _{WA} | 79.6 | | | 86.0 | | | 95.1 | | | 97.1 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L _{WA} | 91.7 | 90.9 | 89.1 | 86.0 | 83.9 | 82.1 | 80.9 | 81.6 | 80.6 | 79.7 | 79.2 | 77.3 |
| L _{WA} | 95.5 | | | 89.1 | | | 85.8 | | | 83.6 | | |

| One third octave sound power level at reference point $v_{10} = 9 \text{ m/s}$ [dB(A)] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L _{WA} | 71.8 | 74.5 | 77.1 | 79.4 | 82.6 | 84.2 | 86.6 | 91.5 | 93.5 | 92.6 | 92.3 | 93.1 |
| L _{WA} | 79.8 | | | 87.3 | | | 96.1 | | | 97.5 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L _{WA} | 91.4 | 90.5 | 88.7 | 86.2 | 85.0 | 84.3 | 83.9 | 84.4 | 83.9 | 83.7 | 82.5 | 80.1 |
| L _{WA} | 95.1 | | | 90.0 | | | 88.8 | | | 87.1 | | |

| One third octave sound power level at reference point $v_{10} = 9.6 \text{ m/s}$ [dB(A)] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|-------|
| Frequency | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| L _{WA} | 69.9 | 73.9 | 75.9 | 77.4 | 80.2 | 80.7 | 83.4 | 88.3 | 91.0 | 90.8 | 91.5 | 93.4 |
| L _{WA} | 78.6 | | | 84.4 | | | 93.3 | | | 96.8 | | |
| Frequency | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | 6300 | 8000 | 10000 |
| L _{WA} | 93.2 | 93.6 | 92.6 | 89.9 | 87.4 | 85.0 | 83.2 | 83.3 | 82.0 | 81.1 | 79.9 | 77.8 |
| L _{WA} | 97.9 | | | 92.7 | | | 87.6 | | | 84.6 | | |

- (1) Because of the signal to noise ratio laying in between 3 dB to 6 dB the sound pressure level was corrected with 1.3 dB.
- (2) Sound power level at 95% of the rated power.
- (3) Wind speed at the maximum sound pressure level minute measured.
- (4) One value was measured in the wind bin of 10 ms^{-1} .

This extract of test report is valid only in connection with the enclosed „Manufacturer's certificate“ from 2004-08-31.

This declaration does not replace above-mentioned report.

measured by: WIND-consult GmbH
Reuterstraße 9
D-18211 Bargeshagen



- pdf - document was signed electronically -

Dipl.-Ing. A. Petersen

Dipl.-Ing. W. Wilke

date: 2006-01-24



DAP-PL-2756.00

According to DIN EN ISO 17025 by the DAP German Accreditation System for Testing Ltd. accredited testing laboratory.
The accreditation is valid for test methods listed in the document.

ENERCON E-48 Wind Shear Adjusted Noise Emissions

Night-time Monthly Average Wind Speed Data (2300 to 0700)

| Data Set | Wind Speed Sensor | Height | Wind Speed (m/s) | | | | | | | | | | | |
|----------|---------------------|--------|------------------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
| | | | January | February | March | April | May | June | July | August | September | October | November | December |
| 1 | spd_avg_48.5_W_ch01 | 48.50 | 6.61 | 6.13 | 6.31 | 6.86 | 5.91 | 4.80 | 4.70 | 4.98 | 5.82 | 6.41 | 6.80 | 7.56 |
| 2 | spd_avg_48.5_S_ch02 | 48.50 | 6.75 | 6.20 | 6.34 | 6.97 | 5.95 | 4.87 | 4.68 | 4.96 | 5.89 | 6.50 | 6.92 | 7.63 |
| 3 | spd_avg_41_W_ch03 | 41.00 | 6.49 | 5.94 | 6.03 | 6.54 | 5.63 | 4.58 | 4.45 | 4.62 | 5.43 | 6.08 | 6.50 | 7.34 |
| 4 | spd_avg_41_S_ch04 | 41.00 | 6.45 | 5.89 | 5.98 | 6.60 | 5.71 | 4.63 | 4.45 | 4.66 | 5.50 | 6.09 | 6.59 | 7.29 |
| 5 | spd_avg_30_W_ch05 | 30.00 | 6.04 | 5.52 | 5.56 | 6.00 | 5.22 | 4.26 | 4.07 | 4.15 | 4.96 | 5.59 | 6.03 | 6.97 |
| 6 | spd_avg_10_W_ch06 | 10.00 | 5.28 | 4.84 | 4.62 | 5.08 | 4.31 | 3.50 | 3.20 | 3.18 | 3.81 | 4.56 | 5.07 | 6.17 |

Summer Average Night-time Monthly Average Wind Speed - Based on Measurements

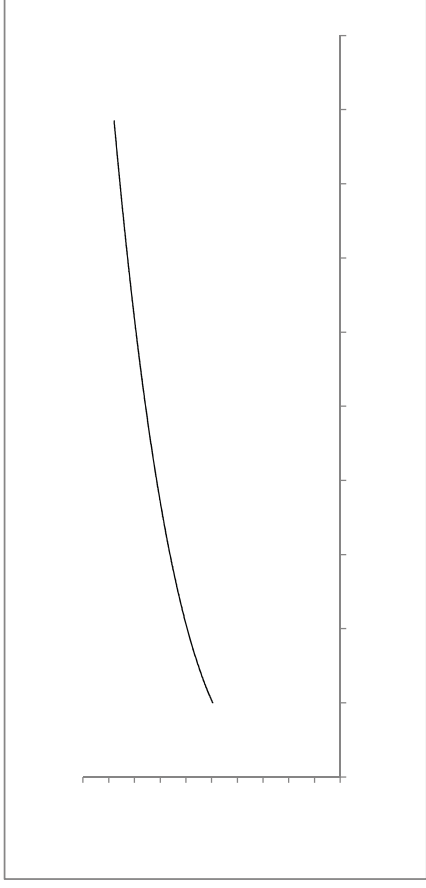
| Data Set | Wind Speed Sensor | Height (m) | Vsavg (m/s) | H/H10 | Vsavg/V10 |
|----------|----------------------|------------|-------------|-------|-----------|
| 1 | spd_avg_48.5m_W_ch01 | 48.50 | 5.17 | 4.85 | 1.52 |
| 2 | spd_avg_48.5m_S_ch02 | 48.50 | 5.18 | 4.85 | 1.53 |
| 3 | spd_avg_41.5m_W_ch03 | 41.50 | 4.83 | 4.15 | 1.42 |
| 4 | spd_avg_41.5m_S_ch04 | 41.50 | 4.87 | 4.15 | 1.44 |
| 5 | spd_avg_30m_W_ch05 | 30.00 | 4.39 | 3.00 | 1.29 |
| 6 | spd_avg_10m_W_ch06 | 10.00 | 3.39 | 1.00 | 1.00 |

Model

$$Vsavg(hub) = Vsavg(10m)^k$$

$$k = C \cdot (H/H10)^{(n)}$$
 C = 76
 n = 0.9917
 k = 0.2627
 k = 1.6895

Vsavg - Summer Average Night-time Wind Speed (July, August and Sept)
 V10 - Vsavg at 10m height



Noise Emissions for 10m Wind Speeds

| V10 [m/s] | V/hub [m/s] | Nearest Dataset | Row # | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Lwa [dBA] |
|-----------|-------------|-----------------|-----------|------|------|------|------|------|------|------|------|-----------|
| | | | Freq [Hz] | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| 4 | 7 | 1 | 75.8 | 81.5 | 88.5 | 89.2 | 86.8 | 83.0 | 83.0 | 79.2 | 75.5 | 94.0 |
| 5 | 8 | 3 | 81.6 | 86.3 | 93.8 | 95.7 | 94.1 | 89.0 | 89.0 | 86.1 | 83.6 | 100.3 |
| 6 | 10 | 3 | 81.6 | 86.3 | 93.8 | 95.7 | 94.1 | 89.0 | 89.0 | 86.1 | 83.6 | 100.3 |
| 7 | 12 | 5 | 79.8 | 87.3 | 96.1 | 97.5 | 95.1 | 90.0 | 90.0 | 88.8 | 87.1 | 102.0 |
| 8 | 14 | 6 | 78.6 | 84.4 | 93.3 | 96.8 | 97.9 | 92.7 | 92.7 | 87.6 | 84.6 | 102.1 |
| 9 | 15 | 6 | 78.6 | 84.4 | 93.3 | 96.8 | 97.9 | 92.7 | 92.7 | 87.6 | 84.6 | 102.1 |
| 10 | 17 | 6 | 78.6 | 84.4 | 93.3 | 96.8 | 97.9 | 92.7 | 92.7 | 87.6 | 84.6 | 102.1 |
| 11 | 19 | 6 | 78.6 | 84.4 | 93.3 | 96.8 | 97.9 | 92.7 | 92.7 | 87.6 | 84.6 | 102.1 |
| 12 | 20 | 6 | 78.6 | 84.4 | 93.3 | 96.8 | 97.9 | 92.7 | 92.7 | 87.6 | 84.6 | 102.1 |

| Transformer Noise Emissions | | | | | | | |
|---|-------------------|-------------------|-----|----|---|--|--|
| Noise Rating | 80 | dB | A | | | | |
| Measurement Dist | 0.3 | m | | | | | |
| Dimensions without Conservator: | | | | | | | |
| Height | 4.27 | m | | | | | |
| Length | 5.34 | m | | | | | |
| Width | 6.86 | m | | | | | |
| Dimensions with Conservator: | | | | | | | |
| Height | 6.4 | m | | | | | |
| Length | 7.32 | m | | | | | |
| Width | 6.86 | m | | | | | |
| Measurement Surface Area | 206.09 | m ² | | | | | |
| Sound Power Level | 103 | dB | A | | | | |
| Octave Band Emission Estimates | | | | | | | |
| Centre Frequency | Corr ¹ | Ncor ² | Lwc | | | | |
| 31.5 | -1 | -11 | 91 | | | | |
| 63 | 5 | -11 | 97 | | | | |
| 125 | 7 | -11 | 99 | | | | |
| 250 | 2 | -11 | 94 | | | | |
| 500 | 2 | -11 | 94 | | | | |
| 1000 | -4 | -11 | 88 | | | | |
| 2000 | -9 | -11 | 83 | | | | |
| 4000 | -14 | -11 | 78 | | | | |
| 8000 | -21 | -11 | 71 | | | | |
| | | | 103 | dB | A | | |
| 1. Correction from "Engineering Noise Control", David A. Bies and Colin H. Hansen | | | | | | | |
| 2. Normalization correction to ensure total sound power after band corrections does not exceed measured | | | | | | | |

Appendix E: Glossary of Terms

| | |
|--|--|
| <i>A-Weighting Network</i> | A frequency weighting network intended to approximate the relative response of the healthy human ear to sounds of different frequencies. Overall sound levels calculated or measured using the A-weighting network are indicated by dBA rather than dB. |
| <i>Acoustically Shielded</i> | A noise emission source from which the sound path to the noise sensitive receptor is blocked by a solid object of sufficient size and mass to consider the noise impact of that source negligible. |
| <i>Acoustics, Noise and Vibration (ANV)</i> | A unified field of study. Each sub-field is described in a specific context briefly below. |
| <i>Acoustics</i> | The study of problems where sound is desirable and the quality of the sound is the focus of attention. Examples include conference halls, theatres, classrooms and recording studios. |
| <i>Noise</i> | The study of problems where sound is undesirable and the reduction of sound is the focus of attention. Examples include noise emissions from industrial facilities and transportation corridors. |
| <i>Vibration</i> | The study of problems where excessive vibration is undesirable and the reduction of vibration amplitudes or vibration transmission is the focus of attention. Examples include vibration impact of equipment on building structures and the vibration impact of transportation corridors on the occupants of residential dwellings. |
| <i>Audible</i> | Can be heard with the healthy human ear. The audibility of a noise emission source can vary with ambient noise and distance from the source. When close to a noise source the characteristics of that source are easily distinguishable. If at a practical distance that noise source is masked by other louder sources or is simply quieter than the ambient noise levels then that source is considered to not be audible at the referenced location. This can at times be used as justification for neglecting the noise impact of a specific noise source. |
| <i>Frequency</i> | Typically the rate in Hertz (Hz) - previously denoted cycles per second, at which an event is repeated. <i>Normal human hearing extends over a range of frequencies from about 15 Hz to about 15 kHz.</i> |
| <i>Grade/Height References</i> | AG – Above Grade, AR – Above Roof, BG – Below Grade, Grade – Ground level |
| <i>L_{EQ} - “Equivalent sound level”</i> | The value of a constant sound pressure level which would result in the same total sound energy as would the measured time-varying sound pressure level if the constant sound pressure level persisted over an equal time duration. |
| <i>L_N - “Nth Exceedance level”</i> | Is the Sound Pressure Level which is exceeded N percent of the time. For a given data sample the N th exceedance value is equal to the (100-N) th percentile of the data sample. |
| <i>where N = 0 to 100</i> | |
| <i>Noise Emissions</i> | The sound energy radiating away from a noise source. |
| <i>Noise Exposures</i> | The sound pressure generated at a receptor. |

| | |
|---|---|
| <i>Noise Impact</i> | The contribution of a specific sound emission source or group of sound emission sources to the resultant SPL or L_{EQ} as measured or predicted at a nearby noise sensitive receptor. |
| <i>Non-Negligible Noise Source or equivalently Significant Noise Source</i> | A noise emission source which is determined to have a significant influence on the resultant noise exposures at a noise sensitive receptor. This is typically determined from a combination of site observations, measurements and available sound pressure or power data. Acoustical shielding effects or distance attenuation are often used as justification for excluding sources from this category. |
| <i>Octave Band</i> | A band of frequencies where the upper limiting frequency (u.l.f.) is twice the lower limiting frequency (l.l.f.). <i>Octave bands are identified by their centre-frequencies. The octave bands standardized for acoustic measurements include those centered at 31.5, 63, 125, 250, 500, 1000, 2000, 4000, & 8000 Hz.</i> |
| <i>1/N Octave Band</i> | A band of frequencies integrally divided from an Octave Band. The u.l.f. equals $2^{1/N}$ times the l.l.f. <i>The most commonly used frequency band is the 1/3 octave band.</i> |
| <i>Peak Particle Velocity (PPV)</i> | The maximum instantaneous velocity experienced by the particles of a medium when set into transient vibratory motion. |
| <i>Point of Reception or Noise Sensitive Receptor</i> | Locations where excessive noise may disrupt the lives or activities of occupants/residents or in general where excessive noise would interfere with the intended use of the location under consideration. |
| <i>Sound Pressure</i> | The instantaneous difference between the actual pressure and the average barometric pressure at a given location. |
| <i>Sound Pressure Level (SPL)</i> | A measurement of instantaneous sound pressure and equal to 20 times the logarithm (base 10) of the ratio of the instantaneous sound pressure of a sound divided by the reference sound pressure of 20 μ Pa (0 dB). Reported and measured in decibels (dB or dBA). |
| <i>Sound Quality or Characteristic</i> | A descriptive qualifier which describes a sound's variation with either time or frequency. Specific qualifiers are described briefly below. |
| <i>Cyclic Variation</i> | A sound which has an audible cyclic variation in sound level such as beating or other amplitude modulation. |

| | |
|--|--|
| <i>Tonal</i> | <p>A sound which has a pronounced audible tonal quality such as a whine, screech, buzz, or hum. A majority of the acoustic energy is present in a relatively narrow frequency band.</p> <p>A tonal penalty of 5 dB can be applied to any noise source where the manufacturer data or calculated sound power levels indicated a tonal quality to the sound as per ISO 1996-2:2006(E) – Annex D. This standard states that for a discrete tone to be identified, the time-averaged sound pressure level in the one-third octave band of interest is required to exceed the time-average sound pressure levels of both adjacent one-third octave bands by a defined level difference:</p> <ul style="list-style-type: none"> • 15 dB in the low frequency bands (25 to 125 Hz) • 8 dB in the middle frequency bands (160 to 400 Hz) • 5 dB in the high frequency bands (500 to 10000 Hz) <p>Although this standard assesses tonality based upon the 1/3 octave band spectrum, the 1/1 octave band spectrum can also be assessed on this basis. Typically sound power level predictions and manufacturer sound data only provide 1/1 octave band values.</p> <p>Typically tonal penalties for sources which were measured are only applied if a tone was observed as audible.</p> |
| <i>Quasi-Steady Impulsive</i> | <p>A sequence of impulsive sounds emitted from the same source, having a time interval of less than one half second (1/2-sec) between successive impulsive sounds.</p> |
| <i>Steady</i> | <p>A sound does not vary significantly with time and therefore the measured Sound Pressure Level does not vary significantly with time.</p> |
| <i>Impulsive</i> | <p>A single pressure pulse or a single burst of pressure pulses, as defined by IEC I79A, First supplement to IEC 1 79, Sections 3.1 and 3.2.</p> |
| <i>Transmission Loss (TL)</i> | <p>The measure of the airborne sound reduction provided by a partition. <i>Expressed in decibels (dB) it is a measure of ratio of the acoustic energy striking the partition relative to the energy which is transmitted through it.</i></p> |
| <i>Root Mean Square (RMS) Vibration Velocity</i> | <p>Vibration velocity value obtained when the instantaneous velocity is exponentially averaged in a RMS network with a time constant of one second.</p> |
| <i>Vibration Sensitive Receptor</i> | <p>Locations where excessive vibration may disrupt the lives or activities of occupants/residents or in general where excessive vibration would interfere with the intended use of the location under consideration.</p> |